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Anatomy and Physiology Instructor David Shier with Nursing Transfer Student Lynette Zidzik

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CareerFocus™

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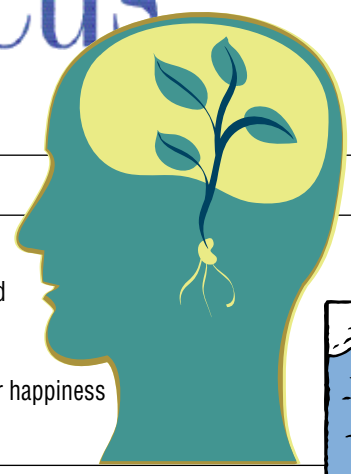

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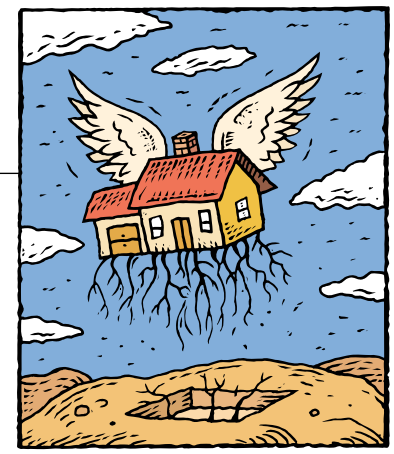

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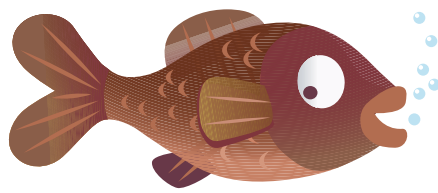

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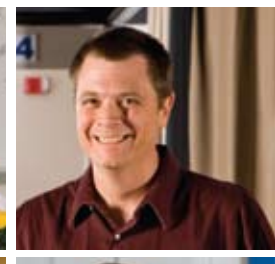

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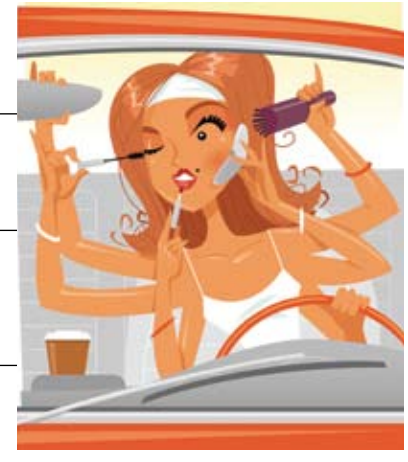


Facts and Finds

Colleges Make Stewardship a Priority

The September/October issue of *Sierra* magazine includes a list of "Cool Schools: 10 That Get It." The ten colleges listed have made significant efforts to reduce waste, conserve energy and otherwise transform their campuses into leading-edge examples of the wise use of resources.

Of the ten colleges (see the list at *www.sierraclub.org/Sierra*) four get 25 to 100 percent of their energy from renewable sources, four have college-wide recycling or composting programs, three provide student with free public transportation, and at least one has an on-campus organic farm.

Facts AND Finds

Who's Spending What on College

Most students and parents believe that college is an investment in a better future. Sallie Mae, the nation's leading provider of student loans, partnered with Gallup Polls to find out how students and their parents are paying for a college education and what kinds of decisions they're making when it comes time to choose a school.

The average family spends about $17,200 annually on a college education and pays for it through a combination of income, grants and scholarships and loans.

Middle-income families making $50,000 to $100,000 a year paid an average of $4,340 from savings and income and $6,380 in parent and student loans for a college education.

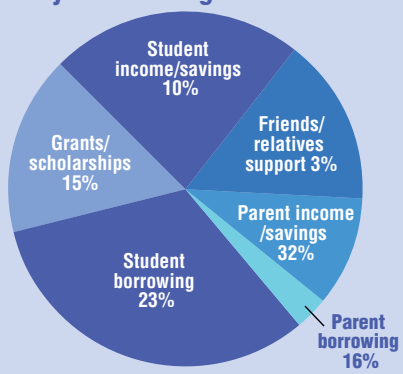
Students who attended two-year public colleges had much lower costs, with about $2,300 a year in contributions coming from parents' income and savings and about $1,700 a year from loans.

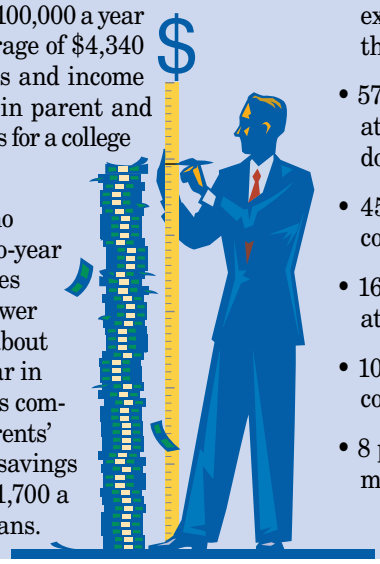
About 70 percent of students said that their expected income didn't influence how much they borrowed for college.

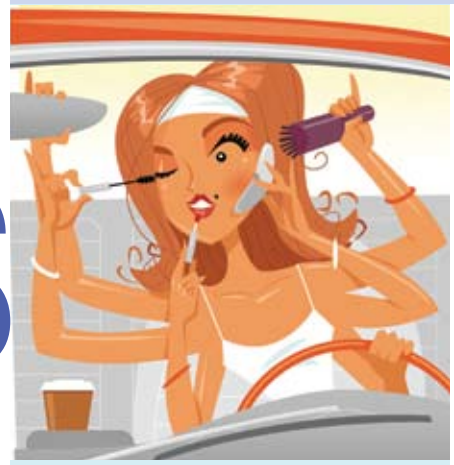
When the cost of education limited their choices of colleges:

- 70 percent of students decided to go to a less expensive school than their first choice
- 57 percent chose to live at home to keep costs down
- 45 percent chose community college
- 16 percent elected to attend part time,
- 10 percent postponed college
- 8 percent chose the military.

How the Average Family Pays for College







Two is Too Many

Stop trying to do two things at once.

Multitasking is dragging down your IQ, damaging the U.S. economy and perhaps even putting your health at risk.

No kidding. In a world in which nearly everyone has become adept at juggling e-mail, internet, TV, cell phone, we might want to try going back to doing just one thing at a time suggests an article in the spring 2008 *New Atlantis.*

Citing a variety of neurological and psychological studies author Christine Rosen finds mounting evidence that trying to do too much at once isn't good for us. It's even got a name – "Attention Deficit Trait."

In the words of one researcher, "Humans are not built to work this way. We're really built to focus and when we sort of force ourselves to multitask, were driving ourselves to perhaps be less efficient in the long run even though it sometimes feels like we're being more efficient."

College Education Pays Now and Later

While it's never a good idea to choose a career simply based on the money, it's always nice to know how much you can expect once you have your degree in hand. The top of the list of starting salaries for new college graduates includes healthcare ($40,500) and engineering ($38,900), but across the board all college graduates made a median starting salary of $30,800 a year with those in education ($26,600), arts and humanities ($25,00) at the lower end.

But how are those same graduates doing ten years into a career? In many cases their salaries have doubled and more of them report that they're working in careers that are relevant to their degree.

Ten years after graduation, the average income for all college graduates was $60,600 but here's how it breaks down by major:

Engineer, $74,900

Computer Science, $72,600

Business and Management, $65,900

Health, $65,000

Biological Sciences, $62,200

Mathematics/Physical Sciences, $58,200

Arts and Humanities, $52,800

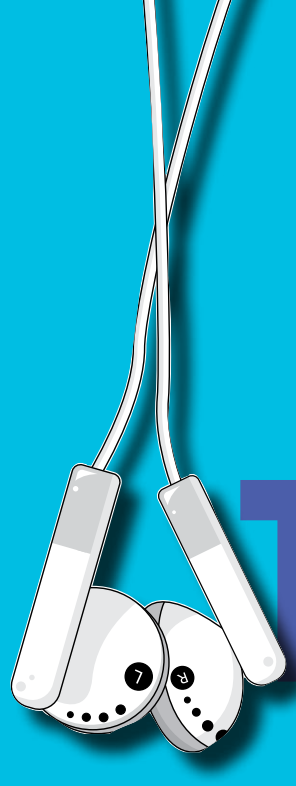
Education, $43,800

(Occupational Outlook Quarterly, Summer 2008)

Rising Prices Mean Changes at Work

Rising gas and food prices are beginning to change what we do in the workplace. Some of the recent trends in the news:

- A number of public institutions are turning to four-day, 10-hour workweeks as a way to reduce fuel costs for employees. These include government offices in Oakland County, Mich. and Suffolk County NY, LeTourneau University in Texas, Meridian Community College in Mississippi, and the town of Seven Fields, Pa.
- Some employers are adding bonuses to employees' paychecks to help with gas expenses, offering gas reward cards, starting van services for commuters and providing pre-tax commuter benefits.
- While 12 million people currently work at home more than eight hours a week, by 2009 that number is expected to rise to 14 million according to a survey conducted by Gartner Dataquest.
- Nearly half of the employees recently surveyed by Zogby International said that they're eating lunch out less and brown bagging it more as a way to cut back on their expenses. CF



MP3 Players Aren't Just for Music

College podcasts becoming more common

By Esther Hurwitz

Taking notes in class seems like such a simple task, but there are often distractions. You might find yourself two thoughts behind when the instructor makes the most important point or you may spontaneously start daydreaming about your weekend. Or what if you have to miss class and decipher notes written by someone you barely know?

Don't you wish there was a way to capture a lecture and review it later? Well, your prayers have been answered. Many colleges and universities now record lectures in audio or video formats that can be downloaded to your computer or MP3 player. These podcasts, are especially helpful if you miss a lecture or want to review information before an exam.

One repository for college lectures available to anyone with iTunes software is iTunes U (*www.apple.com/itunes*). It features free, regularly-updated podcasts of lectures from more than 100 participating universities all over the world, including Auburn University, Open University and Yale.

Downloadable news and entertainment podcasts, and audio books are also available from other services like the Zune Marketplace (*www.zune.net:80/en-us/entertainment/podcasts*) or Web sites such as Audible.com.

If you don't want to study in front of your computer you can download podcasts to an MP3 player or iPod.

IPods and other MP3 players are generally known for their abilities to play music, videos and games – after all, one has to take breaks from study or work. But don't be distracted by their entertainment value here, we're going to talk about the unique features that make these devices effective study tools.

Apple iPod nano

The fourth generation, moderately-priced iPod nano is admired for its snazzy looks and easy-to-use interface. And, of course, you can download anything to it from the iTunes store in various audio formats. Although you can play podcasts, you can't actually record a lecture. Still, the nano's extra features make it a worthwhile campus companion. Carry current copies of your computer's address book, calendar and to-do lists (from either Mac or Microsoft Outlook) to keep you on track throughout your day. Multiple alarms keep you on time for appointments and study dates; the stopwatch is handy for timing workouts or your next class presentation.

You can store study notes or other text documents, increase the font size of the menus or configure the unit to speak the menus for increased accessibility.

At the end of your busy day, the sleep feature automatically turns off the music. The nano 8GB holds up to 2,000 songs or 8 hours of video and it plays audio for up to 24 hours or video for four hours on a 2" display. Available at *www.apple.com* for $149.

Zen music and video player by Creative

Don't miss a lecture because you were reliving the fun you had last night instead of taking notes – the Zen 8GB has helpful features including a digital voice recorder that can record an entire class session as well as an alarm clock to alert you to wake up when class is over.

Like the nano, the Zen has a clock, setable alarm, can keep updated copies of Microsoft Outlook contacts, calendar and to-do lists and can also be used as an external hard drive to store files. However, the Zen also has an FM radio with 32 station presets and the flexibility to allow you to add music or videos from different sources using drag-and-drop or jukebox programs such as Windows Media Player or Rhapsody.

The Zen has superior storage capabilities, which it needs with all the many formats it accepts. And it plays up to 2,000 songs or 30 hours of videos. If that isn't enough, you can add more memory.

Its 2.5" high-resolution screen makes it easy to watch videos or customize the main menu. Battery life is up to 30 hours of audio playback and five hours of video playback. The 8GB version is $129 and barely bigger than a credit card. You can get more information at *us.creative.com*.

The Microsoft Zune8

The Microsoft Zune8 is more of an entertainment and networking tool than the other two players. The unique thing about the Zune is its built-in wireless capabilities that allow you to download podcasts, exchange songs with other Zune users, purchase music directly from one of its FM radio stations or synchronize your music library with your computer.

Like the Zen and the nano, the Zune includes a clock, however, interestingly enough, the player does not synchronize with your computer's Microsoft Outlook files. The Zune does accept a wide variety of formats, so when you connect to Zune Marketplace or Audible.com, you're sure to find something you want or need.

The display, at 1.8", is the smallest of the three, but it has the same 320 x 240 pixel high-resolution as the other two, and stores up to 2,000 songs and 25 hours of video. With the Wi-Fi turned off, the player averages up to 24 hours of audio and four hours of video playback. It comes in five vivid colors, and you can get one for $149 at *www.zune.net:80/en-US*.

Career Watch

Will You Have a Job Tomorrow?

Stay flexible and stay creative to stay employed

By James Militzer

With economic turmoil dominating the headlines, students and job seekers everywhere are asking the same question: "Will the career I'm pursuing today still need me a year from now?"

Though nobody can predict tomorrow's hot jobs with absolute certainty, author and futurist Daniel Pink believes you can make a pretty good guess. In his best-seller *A Whole New Mind: Why Right-Brainers Will Rule the Future*, Pink lays out a thought-provoking formula for determining which careers will grow, and which will fade away.

Right brain leads

"Today you've got to look at what you're doing and ask yourself three key questions," he says. "Can someone overseas do it cheaper? Can a computer do it faster? And does what you offer satisfy the growing esthetic, emotional and even spiritual demands of this very abundant age?" According to Pink, the jobs that meet these needs tend not to be the left-brain careers – logical, sequential, analytical work like assembling or accounting. Instead, the jobs of the future will be based on right-brain skills like creativity, empathy and the ability to detect broad patterns rather than deliver specific answers.

The jobs of the future will be based on right brain skills like creativity, empathy and the ability to detect broad patterns rather than deliver specific answers.

Employment predictions from the Bureau of Labor Statistics suggest Pink may be onto something. Quintessential right-brain jobs like healthcare workers, teachers, artists and salespeople are among those slated for the fastest growth in the next decade. And the list of jobs expected to decrease includes many that depend on left-brain skills, like machine operators, packagers and stock clerks.

Left brain follows

But that doesn't mean everyone should drop their left-brain job to pursue right-brain work. "I would never say, 'Design is important, so you should go become a designer,'" Pink says. "Because if you don't like design, you're going to be a lousy designer.

"Meanwhile, even though certain kinds of accounting functions can be reduced to a software program like Turbotax, someone who goes into accounting because they love it is going to be fine. You really need to figure out what you love to do, and what it is you're great at, and focus on that, rather than trying to overpredict what's going to be in demand. Ten years ago, most people didn't even know what a search engine optimizer was. Yet today that's a pretty decent job."

Though his theories imply that a number of common careers will gradually go extinct, Pink is optimistic about the future. "In 1965, President Johnson convened a commission of the very best labor economists of the time, and they looked ahead to the job market in the year 2000," he says.

"They wrote this very alarming report, saying there's going to be massive unemployment because computers are going to be able to do everything. And that was flatly wrong, because it didn't take into account our endless ability to create new industries and offer up new jobs.

"And I don't see any reason why that's going to fall away. So do I think there's going to be enough of these right-brain jobs? Yes. Do I know exactly what they're going to be? No. But I'm mostly optimistic because I've looked at past history and it's always worked out. Especially in this country, the future has always been better than the past." CF

Best and Worst CAREERS by the Numbers

WORST

Productivity gains, job automation and international competition have dealt a crushing blow to American manufacturing. Overall employment in this industry is projected to decline by 10.6 percent, or 1.5 million jobs, by 2016. Machinery, apparel, household appliance and computer and electronics manufacturing will be hit especially hard. But there is a small bright side: Employment in pharmaceutical and medicine manufacturing is expected to grow by 23.8 percent and add 69,000 new jobs by 2016.

Jobs of the Past

Manufacturing

The manufacturing industry has been hard hit by automation and outsourcing, and employment experts expect its decline to continue. That comes as no surprise to Rhonda Meadows, who was recently laid off from two different factory jobs. "Factory work is a dying art," she says. "This is a sad change, because it offered the ability for less educated people to find employment." The solution, according to Daniel Pink, is to get educated. "Community colleges are sort of a springboard for people who've been caught in the downdraft of the economy – they're the perfect place to learn something new and sharpen your skills."

Construction

Though construction jobs are predicted to increase in the next decade, the economic downturn has weakened the current job market. For Keith Randhahn, this slowdown came at the worst possible time. "I lost my construction management job a few weeks before Christmas 2006," he says. "I was devastated!" But rather than switching careers, he refocused on an area of his industry that was still growing. "I was fortunate to find an opening in the alternative energy niche market," he says. "It appears that the 'green' movement has infiltrated the construction industry and those that want to succeed will heed the call."

Tech support

Information Technology is a growing career, but not all IT positions offer job security. Experts list tech support as one of the jobs most likely to be outsourced – a fate that befell Beth Lamie last year. "We had been training people in India to do part of our work," she says. "I guess I wouldn't have been so thrilled about training them if I'd realized that my job would be the next to go." That's why Pink advises job-seekers to "find work that's hard to outsource, like jobs that require a physical presence."

Jobs of the Future

Nursing

If you're looking for a field with plenty of jobs, employment experts agree: Get into nursing. As Daniel Pink puts it, "There's ferocious demand for nurses now. Nurses can essentially write their own ticket." But according to Laura Silverthorn, RN, that demand has its downsides. "There can be a lot of mandatory overtime, few lunch breaks and a ton of stress," she says. That's why she advises people to make sure they enjoy the work before committing to it. "Community colleges give you clinical experience the first semester, while in a four-year school you wait until the third year to even touch a patient. That's way too late to find out if patient care is right for you."

Financial services

With baby boomers preparing for retirement and globalization making investing more complex, demand for financial services is projected to grow. That's why Nick McDevitt used his associate's degree in business administration to become a financial advisor. "It's really kind of a 24/7, all-day type of job when you're starting out, because there's a huge learning curve," he says. "But if you put the time and effort into it, you could be making six figures within two or three years." The recent market instability hasn't made him question his choice of careers. "There are still millions of people who are retiring, and they all still need help. Personally, I think this is the best time to get in, because the scaredy cats are getting out!"

Hospitality

With the service industries growing, food service workers are in high demand. But the hospitality field involves a lot more than waiting tables or flipping burgers. Just one week after graduating from a hospitality management school, Jesse Schlachtman was hired as a procurement manager in an international restaurant management company. "I spend most of my day analyzing data, meeting with other professionals and touring facilities," he says. "And my degree will allow me to work in a number of fields that have need for food service workers, like healthcare, government or even prisons. It's good to know that no matter what turns the economy may take, we will always need someone to run things." **CF**

BEST

Education and health services

The population is aging, life expectancies are growing, and student enrollment is increasing at all levels of education. So it's no surprise that education and health services are projected to grow more than any other industry. Between 2006 and 2016, they're projected to add nearly 5.5 million new jobs. Healthcare and social services will account for 4 million of these jobs, with public and private educational services adding another 1.4 million. Registered nurses, home health aides and post-secondary teachers will be among the occupations with the largest growth.

Professional and business services

Technology is transforming business, leading to increasing complexity and a growing need for expert assistance. That's why professional and business services are projected to grow by 23.3 percent and add 4.1 million new jobs by 2016. This industry group includes fast-growing jobs in administrative support, employment services, computer systems design, consulting services and waste management.

Leisure and hospitality

The population is growing, dual-income families are increasing, and food and entertainment options are springing up everywhere. These trends drive projections of 14.3 percent growth in leisure and hospitality, which translates to around 2 million new jobs by 2016. Jobs will be especially plentiful in the amusement, gambling, recreation, accommodation and food services sectors. **CF**

WCC Faculty

Art Is Life

Elisabeth Thoburn puts art in larger context

By Laura Lyjak

Exploring the world through art and architecture is the passion that drives Elisabeth Thoburn. For her, these convey nearly everything important about a culture from its geography to its politics, religion and values.

Thoburn, was born in the city of Dresden in the former East Germany. In 1985 she made her home in Ann Arbor after she met and married an American man. "It was a long struggle to get permission to leave," she says. "I think I was the first East German ever to set foot in Ann Arbor." With only a few hundred words of English, she enrolled in classes at the University of Michigan, taking phonetic notes and making sense of the lectures later. "I eventually learned English through my studies, daily living, TV and talking to my American husband," she says.

The world through art

Art has been central to her life since she was a child. In a family full of musicians, she differentiated herself by studying art. "My father was a church music director – that put him on the outs with the communist government – and my brothers all play five or six instruments. I was drawn to art because in the East it was subversive and anti-government in subtle and sophisticated ways. Throughout history artists have used art to make political statements," says Thoburn.

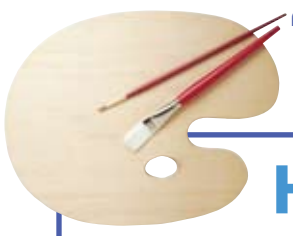
Eventually she completed two masters' degrees in art history at U-M – one in Eastern art and one in Western art. "My interests have always been broad; I'm more of a generalist than a specialist," she explains. As a humanities instructor, this is a perfect fit. Her goal is to broaden her students' outlook on the world. "I want people to realize all that's out there and become inspired to understand more about other cultures."

Art throughout the world

Thoburn has traveled all over the world to study art and architecture. In 1988 she traveled through India, between 1990s and 2000 she visited many countries in Europe and the Middle East. In 2001 she traveled through China on a Fulbright-Hayes Grant. In 2006 she studied artifacts in Peru thanks to a National Endowment for the Humanities grant.

Last year she traveled to Pakistan to explore the arts and culture – and witnessed the country thrown into upheaval with the assassination of former prime minister Benazir Bhutto. Thoburn created a photo exhibit of this visit that was on display in WCC's Gallery One through October 10, 2008. "It had a huge impact on me to be there at that time," she says.

Thoburn strives to bring the lessons of her travels back to her students. "I hope that after taking my class they'll interact with people differently, listen to the news differently, talk to their clients, patients and customers differently and realize how interconnected we are." CF



Humanities at WCC

Study of the humanities reaches into art, literature, religion and philosophy – the expressions of our human cultures. At WCC many students will enroll in humanities classes to fulfill electives for associate and transfer degrees. But for students who choose to make one of these areas their life's work the Liberal Arts Transfer program is the way to go.

Humanities students have been inspired by the ideas they encounter in the classroom and decided to continue the experience through student clubs. WCC's Arts Club and Socrates Café were both formed by students who wanted to keep learning and talking after the class ended.

Arts Club

In 2006 some of Elisabeth Thoburn's Art Appreciation students formed the Arts Club, a student group open to all. " In the last year we've been to the DIA and the Art Institute of Chicago. We took a two day trip to the Andy Warhol Museum in Pittsburg and Frank Lloyd Wright's Falling Water," says the current club president Angela Creech.

The best part is that WCC covers half the cost and provides transportation for these trips. "I've met a lot of interesting people," she adds. "A club like this provides more of a college experience, since WCC is a commuter school." Find out more about the Arts Club at *wccartsclub.org*

Socrates Café

Should politics and religion be mixed? What does it mean to be a feminist? Is democracy really the best form of government? Do human animals warrant more moral concern than non-human animals?

These are some of the topics WCC students have been discussing at the weekly Socrates Café. Students looking for lively discussion on serious topics can join others who want to stretch their power to reason. Cafe´s such as this have been popping up all over the country, inspired by a book of the same name. In addition to the discussion groups, WCC's Socrates Café student group sponsors trips to see and discuss films and met recently to watch and discuss the presidential debates. CF

Anatomy of a Physiologist

David Shier merges detail and discovery

By Laura Lyjak

The inside of the body is a complex and fascinating place. For many years biology instructor David Shier has been a tour guide to the body's structure and systems for countless pre-med and nursing students as well as others going into healthcare careers.

With a bachelor's from Cornell, a PhD in physiology from the University of Michigan, experience as a teacher and researcher at Harvard Medical School, as well as the University of Alabama at Birmingham and the Medical College of Ohio, Shier has spent decades in both the lab and the classroom.

The how and why

"I'd always been interested in medical research and loved reading about the history of medicine," says Shier. "It was after I became a research assistant at Harvard that I realized that's exactly what the study of physiology is. Anatomy is the structure of the body but physiology is the blood pumping, the lungs breathing, the how and why of the body working and what goes on when something goes wrong."

That realization brought him to U-M for graduate studies where he discovered that while the lab was great, the classroom was even better. "I started out with an interest in research," he says. "Although I liked the mental aspects of it, I didn't enjoy the tedious detail. What I really got excited about was teaching."

Complex and simple

Shier came to WCC in 1990. He teaches the Basic Anatomy and Physiology course, a five-credit intensive course that requires students to immerse themselves in the subject for a semester. In addition he teaches cell physiology, pathophysiology and hospital microbiology. "I tell students that they're learning things they'll use for the rest of their career. If you love your career, you'll love the course."

He also is co-author of two widely-used anatomy and physiology textbooks, *Hole's Human Anatomy and Physiology* and *Hole's Essentials of Human Anatomy and Physiology*. "Updating the textbook makes me that much more prepared for the classroom," he says. "I keep up on a broad range of topics in the field. I'm just having a blast. There's never a day I don't want to come to work. You can only do this in an environment committed to teaching; research forces you to focus very narrowly."

Referring to one of his own teachers who he considered a role model, he says, "It takes someone who really understands a subject to teach it in a simple way; anyone can teach in a complex way." CF

Healthcare Opportunities

Many of the students who take biology courses at WCC are pursuing healthcare careers but that's not the only direction an interest in life sciences can take students. WCC also offers courses in general biology, field biology, plants and genetics. A biology elective can be part of nearly any associate's degree or transfer plan.

Biology and healthcare programs at WCC

Biology/Pre-medicine Transfer Associate's in Science
Prepares students to continue their medical studies at four-year institutions

Exercise Science
Prepares students to continue their fitness and healthcare studies at four-year institutions

Registered Nursing
Prepares students to begin a career as an RN

Nursing Assistant
Prepares students to work as a nurse's aide

Nursing Transfer
Prepares students to transfer into a four-year BSN program in nursing

Physical Therapist Assistant
Prepares students to work under the supervision of a physical therapist

Pharmacy Technology
Prepares students to work under the supervision of a registered pharmacist

Radiography
Prepares students to work as radiographic technicians

Dental Assisting
Prepares students for careers assisting registered dentists. CF

Healthcare Careers Student Club

Healthcare professionals have to interact constantly with each other. Doctors, nurses, radiographers, physical therapists need to know how their specialties affect patients.

At WCC students can begin the dialogue early in the Healthcare Careers Club. "This is a way for anyone interested in healthcare to get an understanding of the various fields." says member Anastasia Gale, a nursing student.

The club sponsors weekly meetings in which students view documentaries on healthcare issues, hear speakers discuss topics from medical ethics to getting into med school to health privacy laws. CF

Feature

The Place Puzzle

Where you live matters to your career and your happiness

By Laura Lyjak

You've got your diploma. You're ready to find your career and start your new life. Just one question: Where do you want to live?

For some people the answer is simple: "I want to live where my friends and family are," or "I want to live where the best opportunities are," or even "I've always wanted to live in New York City (or San Francisco or Seattle or Denver, etc.), and as soon as I can pack my bags I'm gone."

But for many others, the answer is something like, "all of the above" and deciding where to live feels like a daunting task.

The case for putting place first

The three biggest decisions most people make in their lives are: 1. What they want to do for a career, 2. Who they want for a life partner, and 3. Where they want to live.

And place just might be the most important decision of the three because it has such a huge influence on the other two, says Richard Florida, author of *Who's Your City* a book that explores the importance of place to career success and happiness.

Young people are looking for walkable cities with vitality and plenty of after-hours activities.

A survey of Americans under 28 years old conducted by Next Generation Consulting showed three out of four think it's more important to find a great place to live than it is to find a good job.

What exactly is it that makes a place appealing? Not everyone agrees on the details, but there are some common themes. Molly Foley of Next Generation says that young people are looking for walkable cities with vitality and plenty of after-hours activities.

"They don't want to be stuck in traffic. They want to be able to get to restaurants, shops and clubs on foot or by bike," she says. Cities with vitality are those that value green space, protect the natural environment and make it easy to live healthy by allowing easy access to fresh food at farmers' markets or developing bike paths or providing easy recycling programs.

"They're also looking for communities where they can afford to buy a home and afford to enjoy the culture," she adds. "Unfortunately many of the highly rated cool communities are also expensive."

The case for putting your career first

In some cases, your career success demands that you live in a particular place. Actors inevitably have to make the move to Los Angeles or New York. Software developers are simply going to find more opportunities and better pay in Silicon Valley.

Yet not as many people move for their career as you'd think. Less than a third of the people making long distance moves said it was work-related in a survey conducted by the U.S. Census Bureau in 2000. But those with college degrees and those with higher incomes are more likely to move because of a job.

When does it make sense to pack up and seek your fortune elsewhere? "There are real tradeoffs to be made," acknowledges Florida. "Many people who move for their careers will give up the joy of being near family and lifelong friends. Those of us who choose to stay close to family and friends may give up economic opportunity.

"The thing to remember when it comes to place, like most important things in life, we can't have it all," he adds.

The case for putting family first

There's also real value in staying close to friends and family – perhaps the equivalent of $133,000 a year in income according a 2007 University of London study. And certain kinds of jobs are plentiful no matter where you live such as those in healthcare, skilled trades and technical careers. Community colleges train many people for these kinds of jobs.

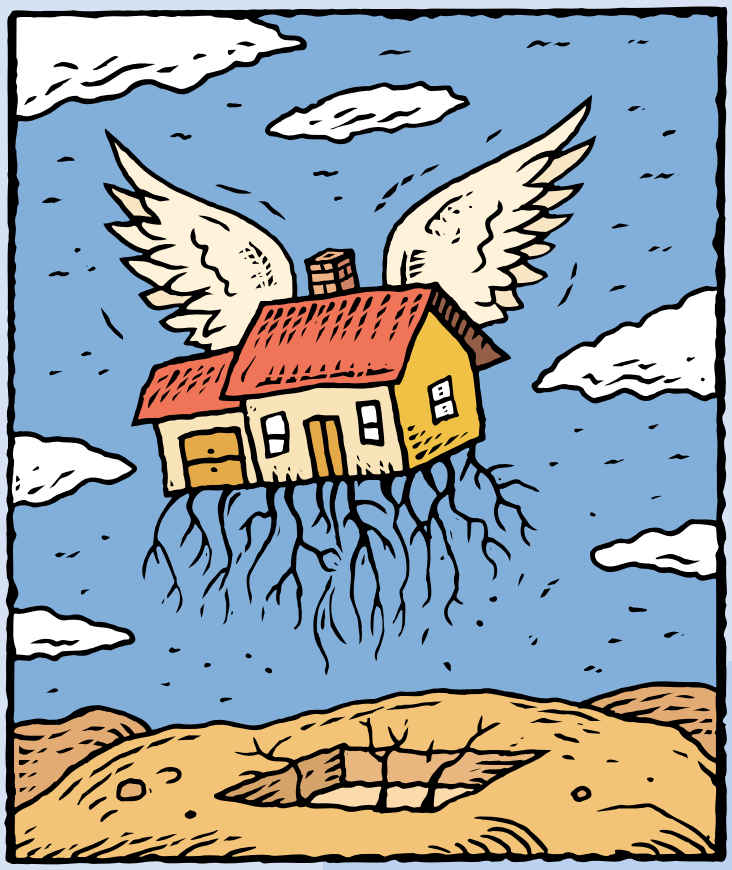
Chris Belle Isle, director of the career center at Monroe Community College in Rochester, NY says that 95 percent of their graduates who find jobs, find them locally. Many community colleges cite similar statistics for their graduates.

In surveys conducted by Next Generation Foley notes a "boomerang" trend among people in their late twenties and early thirties, once they begin to marry and raise children. After heading out for the cool cities in their early twenties, "They'll return to the regions where they grew up," she says "but they define region broadly, like a three to four hour drive from family."

The trick to keeping skilled and college-educated workers close to home is to create the kinds of cities people want to live in, says Florida. "Regions and communities who want to compete for talented workers and experience 'brain-gain' will have to present a place that has all the features of a complete, authentic community." CF

"Regions and communities who want to compete for talented workers and experience 'brain-gain' will have to present a place that has all the features of a complete, authentic community."

Quiz



Should You Move for Your Career?

How do you know if it's time to go?

Some people are deeply rooted and others are mobile. Some people feel like they were born in the best possible place on earth and others long to seek their fortune far from home. Everyone weighs the value of career, family and culture differently and here's a quiz to help you decide if you belong right where you are or if you'd be better off finding a new place to call home.

1 It's important to me to stay close to my circle of lifelong friends.

☐ Agree ☐ Disagree

2 My family is an important part of my life and I want to stay close to them.

☐ Agree ☐ Disagree

3 If I really want to succeed in my career, I have to move to another location where there are more opportunities and better pay.

☐ Agree ☐ Disagree

4 I want to live in a community that is more open-minded, artistic, and diverse than where I live now.

☐ Agree ☐ Disagree

5 I feel like the place I live right now is culturally and politically aligned with my own values.

☐ Agree ☐ Disagree

6 I want to live where I have a good chance of finding a life partner – and that's not happening here.

☐ Agree ☐ Disagree

7 The economy is thriving where I currently live.

☐ Agree ☐ Disagree

8 Realistically I think that on my salary I can eventually afford to buy a house where I currently live.

☐ Agree ☐ Disagree

Answers

1. Agree – 0 points
Disagree – 1 point

Staying close to a network of people who you feel close to and can depend on is more important than climbing the career ladder to many people. If that's you, it might be worth it to stay where you are and nurture those lifelong connections.

2. Agree – 0 points
Disagree – 1 point

Same goes with family as with friends. If you're close to your family, then seeing them regularly may be worth more to you than a high-powered job, and you'll be happiest if you stay close to home.

3. Agree – 1 point
Disagree – 0 points

If you really want to succeed in certain careers, you're going to have to go where the action is. For example, actors and musicians will never make the big-time in Peoria and IT professionals who want the big bucks should choose an address in the Pacific Northwest. Stockbrokers and fashion designers should ❤NYC and scientific researchers should like living in university towns.

4. Agree – 1 point
Disagree – 0 points

The so-called creative class thrives in cities where diversity and tolerance rule. And according to Richard Florida, a happy creative class means a strong all-around economy. So if you feel stifled by small town life, you should consider stretching your wings in one of the county's large urban centers such as New York City, San Francisco, Atlanta or Boston or one of the hip small cities such as Madison, Wis.; Austin, Texas or Raleigh, NC.

5. Agree – 0 points
Disagree – 1 point

If you plan on living somewhere for a long time, you'd better feel like you belong. Places have personalities – some are liberal, others conservative, some are traditional, others free-wheeling. Some research even indicates that certain personality types such as extroverts, conscientious people, agreeable people and "open-to-experience" people tend to cluster in certain regions of the country.

6. Agree – 1 point
Disagree – 0 points

We all make three very important decisions in our lives says Florida: What we do for a living, who we choose for our life partner and where we live. And place affects both of the others.

If choosing a life partner ranks as high or higher on your priorities than your career, find a place where the odds are in your favor. Men outnumber women in Silicon Valley, women outnumber men in New York City. Places like Boston, D.C. and other big cities as well as college towns like Boulder, Colo. and Ann Arbor, Mich. all rank high for young singles.

7. Agree – 0 points
Disagree – 1 point

Yes, regional economies will have ups and downs, but if you find that you're terminally unemployed or chronically underemployed, maybe you should try your luck in another location.

8. Agree – 0 points
Disagree – 1 point

Some places are just more expensive than others and the price of housing is one of the best indicators of the cost of living in a region. While many of the hottest places to live are also the most costly, most people want to eventually settle down and raise a family. If your income makes that impossible where you live now, think about whether you should move where your dollar goes further.

Scoring

0 – 2 points

There's no place like home – things look pretty good right where you are, so for now there's not much reason to find a new place to live.

3 – 4 points

While you like a lot about your current home, there may be some good reasons to check into relocating, either to find a place that matches your values and goals better or provides better economic opportunities.

5 – 6 points

While there are some good things keeping you close to home, you might want to take a look at opportunities elsewhere and weigh the benefits of moving.

7 – 8 points

If you aren't already sure where you'd rather be, start exploring the places that appeal to you and pack your bags because it's time for a change. **CF**

In Focus

Don Werthmann has two loves: photography and teaching

By Anita LeBlanc

Don Werthmann's perfect day of photography would be in an urban environment with no phone, no rigid schedule and no distractions. "A change in location inspires me to observe and photograph how light, color and gesture work together to activate space," he says.

Common language

As a full-time photography instructor, he equally appreciates the time he spends creating photographs with his students. In 2006, he and a group of students traveled to Japan for two weeks. They visited several cities in the Kansai region and produced images with digital SLR cameras. The thought-provoking photos now grace the hall near the WCC Photo Lab office.

Werthmann recalls a one-day visit he conducted between his students and photography students at Osaka University of Arts. "Despite our language and cultural differences, we recognized our common humanity when it came to viewing and articulating ideas about photographs."

Experience counts

Werthmann's obsession with photography began during high school. He later went to Wayne State University where he earned his BFA in 1986 with a major in photography. Immediately after graduating he went to work as a full-time assistant in an automotive photography studio, and later, received the opportunity to see and compare different photographic methods as a freelance assistant to over 40 different commercial photographers in Detroit, New York, Los Angeles, Houston and Phoenix.

He spent nearly two years in Houston assisting a commercial photographer in shoots for the annual reports and print ads of Boeing, Compuserve, VW, Pacific Bell, Microsoft, Asic and other clients. Over the years he's traveled to Spain, Portugal, Costa Rica and China to produce photographs for his own portfolio.

He carefully saved his pennies to participate in photography workshops while working as an assistant, and while a participant at the Santa Fe Photographic Workshops he received an offer in 1991. He jumped at the chance to do "grunt work" around campus in exchange for weekly tuition, film and processing and other necessities. "I put my stuff in storage and learned how to be very resourceful, but it was worth it because those years enabled me to become a WCC faculty member." In Santa Fe he discovered a genuine love for teaching as a course assistant, and then eventually became a workshop instructor.

During a 1999 Michigan vacation, he met with WCC's photography faculty to see about opportunities. "To make a long story short, it was the right time and place to inquire, so we made the move back." Werthmann earned his Master of Arts degree at Wayne State University in 2004 while teaching at WCC. "I never tire of learning," he says. "Photography and teaching are my calling." CF

The Career Picture

Werthmann understands the terror of parents whose kids want a career with a camera. "My parents didn't want me to go into photography." However, before they panic, parents should consider the profession's flexible proficiencies that include the use of computers, high-quality printers, editing software and the business and selling skills freelance photographers must have. They should also take into account photography's versatile options.

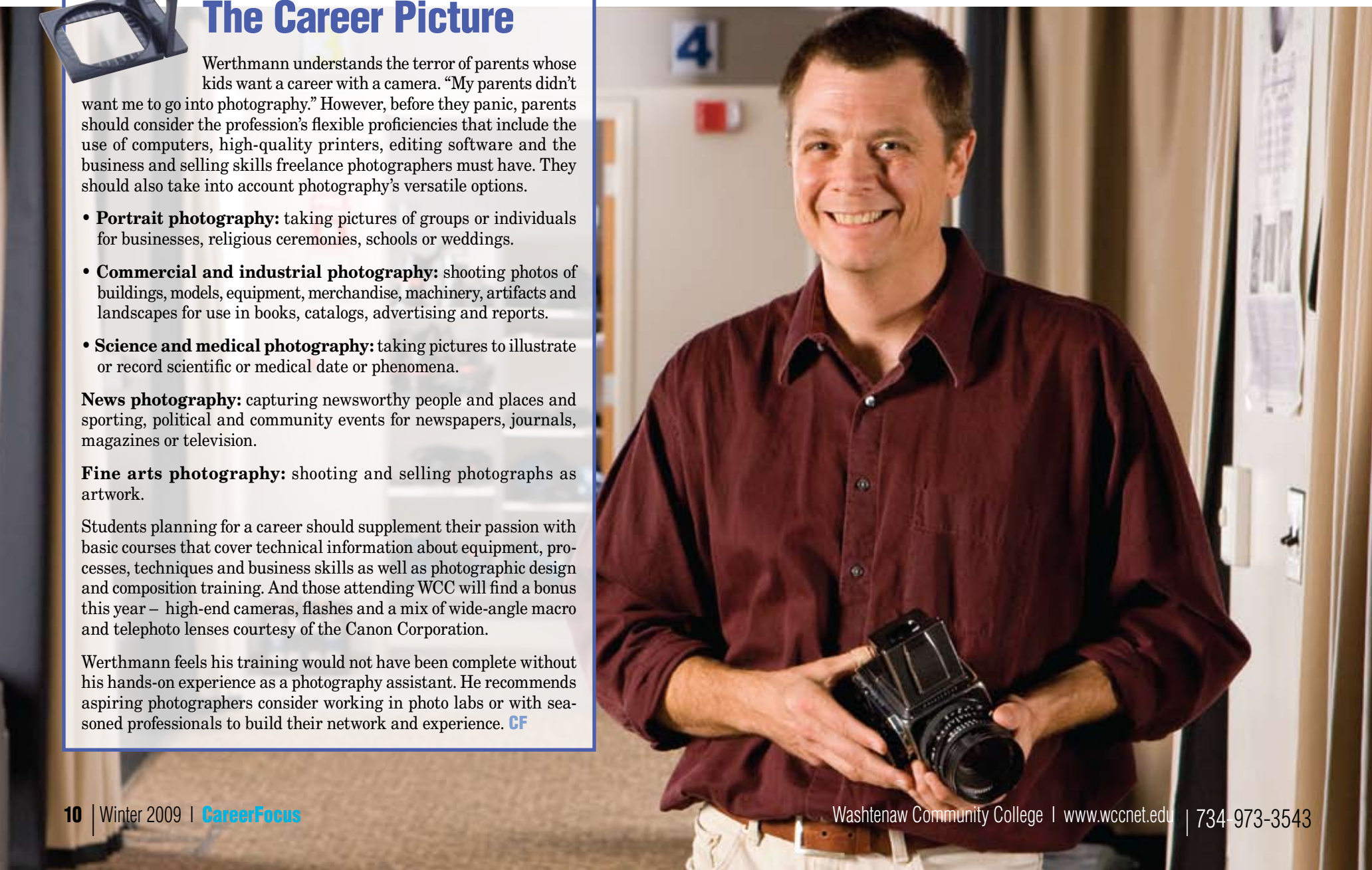
- **Portrait photography:** taking pictures of groups or individuals for businesses, religious ceremonies, schools or weddings.
- **Commercial and industrial photography:** shooting photos of buildings, models, equipment, merchandise, machinery, artifacts and landscapes for use in books, catalogs, advertising and reports.
- **Science and medical photography:** taking pictures to illustrate or record scientific or medical date or phenomena.

News photography: capturing newsworthy people and places and sporting, political and community events for newspapers, journals, magazines or television.

Fine arts photography: shooting and selling photographs as artwork.

Students planning for a career should supplement their passion with basic courses that cover technical information about equipment, processes, techniques and business skills as well as photographic design and composition training. And those attending WCC will find a bonus this year – high-end cameras, flashes and a mix of wide-angle macro and telephoto lenses courtesy of the Canon Corporation.

Werthmann feels his training would not have been complete without his hands-on experience as a photography assistant. He recommends aspiring photographers consider working in photo labs or with seasoned professionals to build their network and experience. CF



The Culinary Life

Terri Herrera teaches the joys – and realities – of cooking

By Eleanor Shelton

When Terri Herrera was 8 years old she knew one thing for sure: Dessert was her favorite part of the meal. That may not sound much different from other 8-year-olds but it changed the direction of Herrera's life. Instead of going into nursing as she once thought she would, Herrera chose a career as a chef. Yes, she still loves sweets, but she's also a master at savory.

Kitchen education

"I discovered that I had a passion for cooking and now I've been a certified chef for 21 years," says Herrera. "What's intriguing about food is that you are not only creating something that tastes good but something beautiful too. People eat with their eyes just as much as with their tongues."

Herrera pursued her passion with an associate's, a bachelor's and then a master's degree. But the most valuable education she got was her internship at Henry Ford Hospital where the executive chef taught her how to incorporate creativity, innovation and time management skills into cooking.

He also took her and her fellow interns to Germany and Italy, learning experiences she would never find in a textbook. Herrera was also a member of Michigan Chef de Cuisine, which gave her the opportunity to work at several restaurants and learn techniques from executive chefs.

The right ingredients

To her students Herrera is as much a realist as a mentor. "A culinary career is hard. You have to work your way up and the hours are long and you might be on your feet all day. I tell my students that to be successful they will have to go that extra mile. And to be successful at teaching is also extremely hard. I have to plan day in and day out. It takes patience, understanding, strength and endurance to be a good teacher. It takes those qualities to be a good chef too, that's what I try and teach my students."

Her students know that Herrera will support them, give them sound advice and push them to be the best they can be. She encourages them to compete in local, regional and national competitions, which has paid off with several medals going to WCC students. What they may not know is that they give something back to her.

"I enjoy finding students who are just as passionate about cooking as I am. It invigorates me to see them really progress from cooks into chefs. That's what keeps me growing as a teacher," says Herrera. CF

Culinary Students Change the World One Meal at a Time

WCC students have a lot to juggle with studies, work and families. But several Culinary Arts and Hospitality Management students still find time to give back to the community in what they call voluntourism, doing what they do best – cooking.

Over the last few years WCC students have volunteered their skills at a number of locations including the Ypsilanti Oasis Café, which offers good food at low cost for those on a restricted budget, the Ann Arbor Delonis Center for the Homeless, the annual Rockin' for the Hungry Food Collection at Busch's, Detroit Project Day and the Marion Homeless Shelter in Chicago. After the day of hard work the students are rewarded with a dinner at a fine dining restaurant (where they often get a tour from the chef) and an overnight stay at an upscale hotel.

"For some of our students this is their first experience staying in a luxury hotel and it is important for them to see how it works if they choose it as a career," says Jill Beauchamp, culinary and hospitality instructor. "It also develops leadership skills because the whole event is organized by the students."

A leadership team of students plans the weekend of activities. They arrange everything from making the contact, to booking the rooms, to advertising the weekend and organizing transportation. "I enjoy volunteer work because it's a way to learn more about and give back to the community and meet fellow students on a different level. And it feels good," says culinary arts student Mary Ann Dugger. CF

Feature

Words from the Wise

Mentors can help you discover your calling

By Sarah Swanson

Decisions you face as a college student can be overwhelming. What will you do with your degree? How can you learn more about your field of study? How can you face anxiety about your future? Find a mentor!

Look up mentor in the dictionary and you'll find "trusted counselor or guide," under the definition. It's no surprise then that college professors can be the perfect mentors for students in search of some guidance.

The value of a mentor

Mentors can help you gain lifelong skills, new perspectives and realities about life after college.

Professor John Mauk, who teaches communications at Northwestern Michigan College in Traverse City, Mich., finds students are often plagued with limited information about the types of careers they can pursue with their degrees.

Mentors can help you gain lifelong skills, new perspectives, and realities about life after college.

"They've heard plenty of falsehoods about every major. Who will make the most money, who will wait tables," he says. "For this reason alone students should seek out faculty members and talk with them about their field. What's happening, what's changing, what's evolving."

Mauk remembers his own awakening as an undergraduate at Bowling Green State University. He says, "When I stumbled into professors' offices, I think I did so out of sheer curiosity. What do these folks have to say? What, you can think *that* way?"

Find the right mentor

Taking the initiative to determine whether a professor is the right mentor for you can be crucial. Some professors make a special effort to be available to students seeking mentorships. Mauk says, "I see informal mentoring as part of the job – a valuable and rewarding part."

Look for someone who is truly interested in your work and in helping you move forward. Mauk recommends that students seek out faculty in their chosen field for the most successful results.

Mentors guide

Mentors can benefit you in formal settings as well as through informal conversation. Dane Olds earned a bachelor's degree in Game Design and Interactivity at Savannah College of Art and Design in Georgia.

Olds found professors in his small department often made themselves available to ensure students had the knowledge and support to become skilled game developers.

He and a group of students wanted to prove they were motivated and could work as a team designing a video game, but they needed a mentor to facilitate this ambitious project. Olds says he contacted a professor who was "a thoughtful, outgoing teacher who always gave us the creative wiggle room when we needed it while providing direction."

Olds recalls, "One of the best things (the professor) did was go hands off. He gave us critical feedback on the design and feel of the project, and in the end we completed something in the scope that hadn't really been seen in the department before." Many of the students, including Olds who works at Bethesda Game Studios in Maryland, secured jobs in this highly specialized field of study.

Long-term benefits

"As an undergraduate, building confidence was the most important aspect of my mentorship experience," says Sarah Lashley, a Ph.D student at the University of Michigan.

In Lashley's case, a faculty advisor for a senior project turned into a long-term mentor. Lashley credits Professor Eric Pallant with being instrumental in guiding her project and improving her research and writing skills when she was an undergraduate at Allegheny College in Meadville, Pa.

"The good students spend time with me discussing their lives, options, and dreams for themselves and their world beyond college," says Pallant. "When we enter into these relationships, my role changes from academic advisor to potential mentor."

Pallant himself doesn't recall formal mentorships in graduate school, but fondly remembers a "professor who was no longer doing research, but who was just happy to sit under a tree with me and schmooze."

You may find that successful mentorships last years after graduation. Pallant says former students often turn into colleagues, where he can also seek advice from them.

"These are people with whom my discussions have long ago wandered beyond topics related to classes toward topics that really matter to them: love, career, fulfillment, sadness, triumph, anxiety," he says.

In Lashley's case, she maintains contact with Pallant as a way to gain perspective from someone who is doing the kind of work she wishes to do one day. She says, "His support, advice, and networking suggestions are invaluable."

Olds says, "What it boils downs to is a mentor really can be an instrumental part to the success of a student." CF

Working for a Small Business

Big opportunities begin here!

By Anita LeBlanc

Sure, you'd like to grab your diploma and march the next day into a prestigious Fortune 500 company offering big name recognition, big networking and training opportunities and big benefits. That's what your education is for, right? However, some factors may prevent your entrance into the hallowed halls of corporate nirvana, among them a lack of prospects (during these troubled economic times most large companies are downsizing), limited work experience on your part or knowing deep in your heart the corporate world is not for you. What's a graduate to do?

It's a small world

Concerned about where to find work? John McDowell, spokesperson for the Office of Advocacy of the Federal U.S. Small Business Administration has some good news for you: "The jobs are in small businesses. There's no question about it."

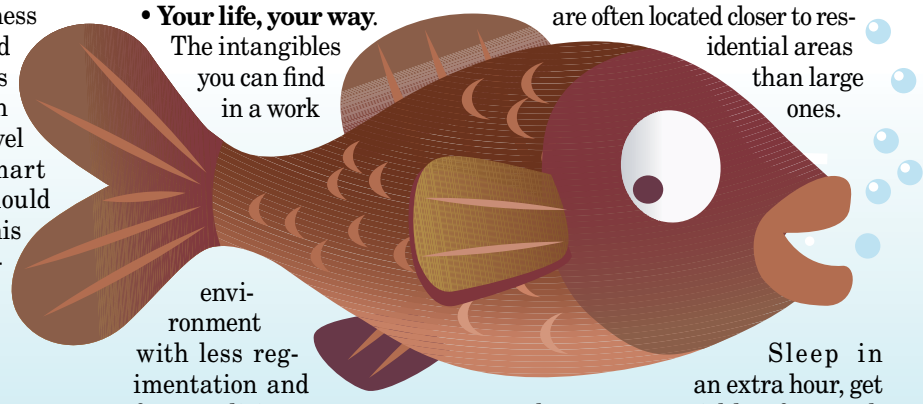
The SBA defines a small business as an independent business having fewer than 500 employees and a very small business as one with less than 20 employees. And, these small players are among the heaviest hitters in the U.S. economy, representing over 99.7 percent of all employer firms, generating 60 to 80 percent of net new jobs annually over the last decade. In fact, the SBA's most recent data shows firms with fewer than 500 employees had a net gain of 1.86 million new jobs, while large firms with 500 or more employees lost more jobs than they created, for a net loss of 181,122 jobs.

Lindsey Pollak, author of *Getting from College to Career: 90 Things to Do Before You Join the Real World* writes, "Small business employers, and women- and minority-owned businesses in particular, are an untapped mine of entry-level job opportunities. Any smart job candidate strategy should include a search through this diverse and growing community of companies."

The power of the little pond

If you want to be a big fish, think small. Why? Large companies have established hierarchies where it can take years to travel up the corporate ladder. Your chance to take on responsibilities beyond your job description may be limited and you'll rarely if ever have the chance to kibitz with the big boss.

In the cozy, all-hands-on-deck atmosphere of a small business, you may work side-by-side with your supervisor who will give you more responsibilities and the authority to carry them out. The self-esteem and satisfaction you can gain from this arrangement can be substantial. And, the multiple skills you learn as you perform in a myriad of ways can make your resume more attractive in the marketplace, if and when you decide to move on. Here are some other perks:



- **Your life, your way**. The intangibles you can find in a work environment with less regimentation and fewer policies can offer rich rewards that may not surface in your paycheck. Less strict policies about workings hours and days off can mean a workplace more open to flextime and telecommuting arrangements. And, a more relaxed office environment may be blue jean friendly.

- **Meaningful relationships.** Want to make new friends in your new career? At a large company, you may be trapped in a cubicle with limited contact with others. The day-to-day challenges met collectively with co-workers in a small business atmosphere can build camaraderie and community that can extend outside the office.

- **Energy expenditures**. Want to limit your drive time and dollars spent on gas? Smaller businesses are often located closer to residential areas than large ones. Sleep in an extra hour, get home more quickly after work and spend your pay on pizza rather than petrol.

Starting small

Pollak learned first hand the joys of working small when she went to work as a program coordinator at the nonprofit American Women's Economic Development Corporation after earning her bachelor's degree at Yale University. She raves, "I absolutely loved it! Meeting different people, doing different things. I was able to observe the highest personnel, take part in meetings and have access to so much!"

While she praises working for a small business, she also recognizes the downside of less pay, fewer staff benefits and the lack of a formal training. Nevertheless, now self-employed as an author, speaker and training consultant specializing in career development for Generation Y college students and young professionals, she treasures the skills and contacts she acquired. And while acknowledging that it may not be for everyone, she believes self-starters willing to take on multiple responsibilities and extend a lot of initiative can find the experience of working for a small business priceless. **CF**

WCC Faculty

When You're Hot, You're Hot

Les Pullins draws on 30 years of HVACR experience

By Anita LeBlanc

It was an uncle who encouraged Less Pullins to take up the Heating Ventilation Air Conditioning and Refrigeration (HVACR) trade. "He always seemed to have a lot of money and I liked the idea of having the same," Pullins admits. "When I told him I was thinking about going into plumbing and pipefitting, he told me that HVACR was a better way to go. He said HVACR had more demand and with the right training and experience, there were about 8,000 things I could do inside and outside the field.

He explained that there was a lot more to know to be successful in HVACR, that the field called for know-how in electrical and compressor troubleshooting, building automation, energy management and plumbing and pipefitting."

Always working

Pullins began working for the Whirlpool factory in his hometown of St. Joseph, Mich. after graduating from high school, saving to go to Ferris State University where he earned his applied science degree in air conditioning and heating in 1977. He came to Ann Arbor and entered the apprentice program with the United Association of Plumbers and Pipefitters Local 190. He counts Johnson Controls, Carrier, Fuller Heating, Hemco Ammonia Refrigeration and Indoor Comfort among the companies for which he's worked.

His work experience is broad too, including residential, commercial and hospital heating and cooling systems, ice rinks, ice cream factories, centrifugal chillers commercial and industrial screw compressors, light commercial rooftop units and commercial pneumatic systems. He's never been without an income in his 30-year career.

Influencing others

Pullins began part-time teaching at WCC in 1993 through Local 190 and continued to do so until 2003 when he accepted an offer of a full-time position. Pullins currently serves as the lead instructor and advisor in the HVACR program.

He's earned teaching certificates from WCC, Michigan State University and a Bachelor of Arts in Education from the National Labor College.

What keeps him excited about his hot career? "I can fix things nobody else can. It's a challenge and rewarding." And the experience and steady income Pullins enjoys has since sparked a flame in his 27-year-old son, Les, Jr. "He attended WCC and is now in the apprentice program working toward a career in HVACR." CF

Careers Heating up

While the economic climate remains cool, the U.S. Department of Labor foresees a sizzling one for those considering a career in HVACR. In fact, it predicts an increase of 9 percent in the next decade for heating, air conditioning and refrigeration mechanics and installers within the two hundred billion dollar a year industry and notes many contractors are currently reporting problems finding enough workers to meet the demand.

Lots of jobs

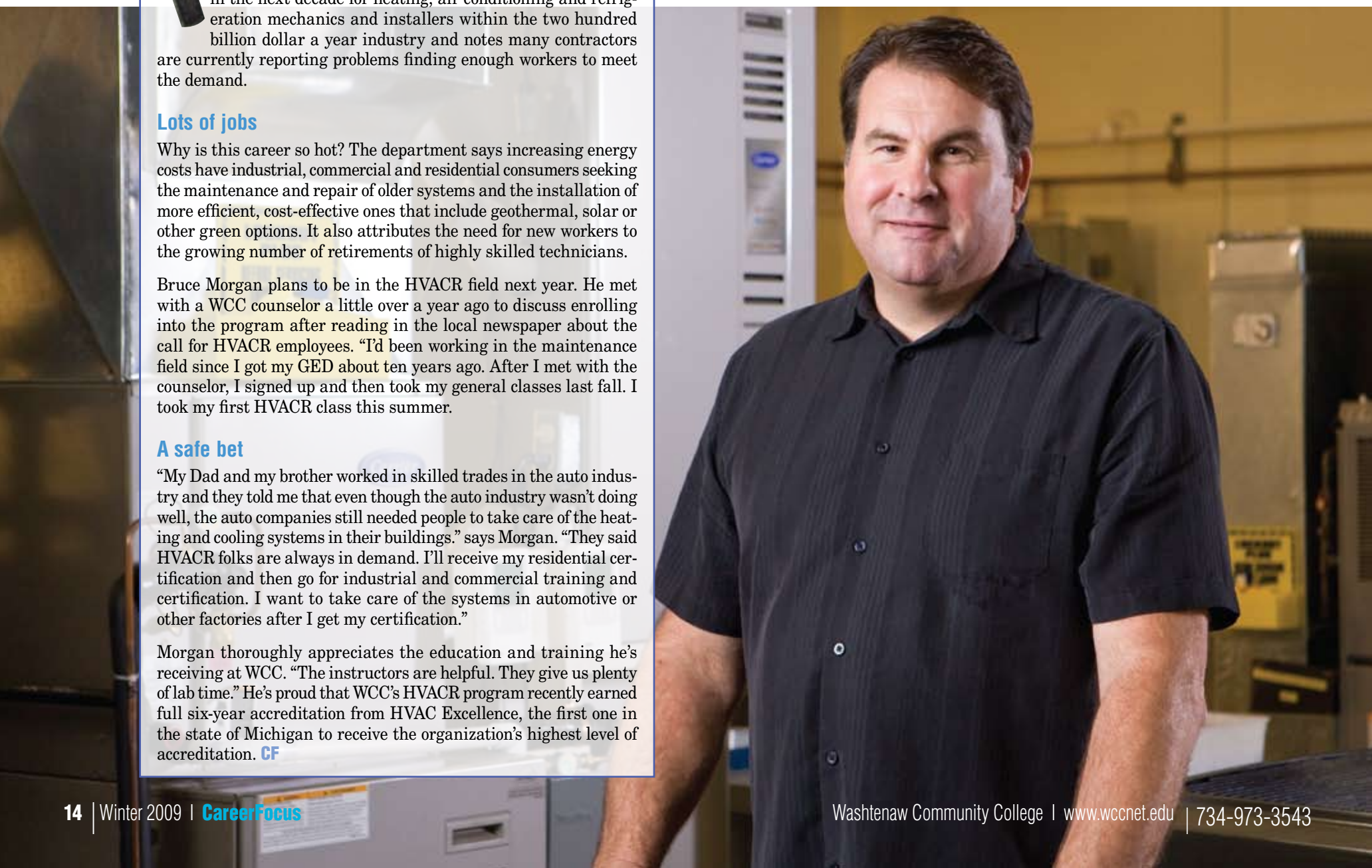
Why is this career so hot? The department says increasing energy costs have industrial, commercial and residential consumers seeking the maintenance and repair of older systems and the installation of more efficient, cost-effective ones that include geothermal, solar or other green options. It also attributes the need for new workers to the growing number of retirements of highly skilled technicians.

Bruce Morgan plans to be in the HVACR field next year. He met with a WCC counselor a little over a year ago to discuss enrolling into the program after reading in the local newspaper about the call for HVACR employees. "I'd been working in the maintenance field since I got my GED about ten years ago. After I met with the counselor, I signed up and then took my general classes last fall. I took my first HVACR class this summer.

A safe bet

"My Dad and my brother worked in skilled trades in the auto industry and they told me that even though the auto industry wasn't doing well, the auto companies still needed people to take care of the heating and cooling systems in their buildings." says Morgan. "They said HVACR folks are always in demand. I'll receive my residential certification and then go for industrial and commercial training and certification. I want to take care of the systems in automotive or other factories after I get my certification."

Morgan thoroughly appreciates the education and training he's receiving at WCC. "The instructors are helpful. They give us plenty of lab time." He's proud that WCC's HVACR program recently earned full six-year accreditation from HVAC Excellence, the first one in the state of Michigan to receive the organization's highest level of accreditation. CF



Hot Rod Fanatic

Gary Sobbry drives WCC's Auto Body program

By Eleanor Shelton

Try to find Gary Sobbry. He's everywhere at the same time. If he's not in class then he is on the phone negotiating the next custom auto build. Or organizing a photo shoot with *Car and Driver* or *Newsweek* magazine. If there is an auto show coming up he and his fellow instructors are working diligently on the most recent project, tirelessly, like bees building a hive.

Open throttle

The energy that Sobbry brings to the WCC Auto Body Repair program is infectious. Within two years of his hiring in 2002 he had developed a new advanced certificate called Custom Cars & Concepts, brought in several new faculty, arranged difficult builds with Ford, GM and Chrysler, won more awards than any other school in the country at national car shows and began organizing custom projects with high-profile athletes.

Sobbry was born into a family with a long tradition of making cars their business. In 1937 his great grandfather built a bullet-proof hot rod for Al Capone. And since the 1940s the Sobbry towing and body repair businesses have been in Washtenaw County.

The best

"Since I was 18-years-old I've worked full time for my father and my uncles," says Sobbry. "Then I started my own body shop and within three years I had outgrown the building and had to build a bigger shop. My reputation grew because I developed relationships with my customers and I followed through with what I promised."

Sobbry dreamed of building hot rods at the highest level. He also wanted to infuse his passion for cars into others. He was able to combine those two dream at WCC. "I never thought that I would actually have the opportunity to teach and work on high caliber builds – it's like having my cake and eating it too," he says.

His passion for his profession shows too: "No one here works 40 hours a week. We do it for the love of the industry and for the students," says Sobbry. "We put hours and hours of time into teaching the students to be the best painters, fabricators and collision repair technicians they can be. There's nothing we wouldn't do for the students." CF

Custom Cars & Concepts is Ph.D. of hot rides

It's a like a mantra for Gary Sobbry: "We never set out to be the biggest automotive program, just the best," says the guy whose energy drives the WCC Auto Body Repair program. But big it is becoming. With over 300 students currently enrolled, the programs, such as Custom Cars & Concepts and the new Collision Repair Technician, are becoming selective.

"Unless you prove that you can do the work and are dedicated to the number of hours that are required, you won't be successful in the program," says Sobbry.

The list of high-end builds the program has completed is impressive, and the attention they have received is even more remarkable. From *Car and Driver* to *Newsweek* and the television show "Rides" on The Learning Channel, no other automotive educational program has seen so much press. Now the scope is widening and professional celebrity athletes like Ken Griffey, Jr., Nate Robertson and Michael Jordan and comedian Jay Leno have either had WCC customize their car or are in the queue for future work.

"I learned about the Auto Body Repair program at WCC on the TV show 'Rides'," says Auto student Leonard Lemke. "It got me motivated to do some research and I discovered it was a good match. I want to be in the custom car business and this is absolutely preparing me." CF

Around WCC

Renowned Artist Creates Sculpture for WCC

The intricate metal sculptures of Mexican artist Leonardo Nierman grace city plazas and college campuses around the world. From the 25-foot *Flame of Millenium* in Chicago to San Diego's *Flame of Friendship*, a gift to the city from the Government of Mexico, to the towering *Flame of Wisdom* outside the University of Michigan's new Biomedical Science Research building, Nierman's graceful stainless steel creations are a gleaming presence.

Thanks to the generosity of benefactor – and former WCC student – Sonia Kauffman and her husband Randal, WCC is now home to a sculpture created by the world-renowned artist. In June, Nierman visited the campus for a dedication of his *Eqquinoccio*, which now overlooks a garden outside of the Morris Lawrence Building, its graceful twisting arches reflecting the nearby pond and woods.

College Hosts Cars on Campus for Fifth Year

For the fifth year in a row, WCC sponsored the Cars on Campus Car Show and Swap Meet, Sunday, October 5. Hundreds of motor heads and classic car nuts brought out their rides to display and compete for trophies in categories such as best paint, best custom, best street rod and more.

As always, the show was free to the public, and visitors could get a look inside WCC's upgraded auto, welding, motorcycle and HVACR labs. Food, beverages and entertainment were part of the package too. The proceeds from the event fund a Vocational Technology Scholarship for students with financial need. To date the event has raised over $10,000 for student scholarships.

Michigan Colleges Lead Economic Change

Community colleges in Southeastern Michigan have joined forces to move the region toward a more energy-efficient, technologically diverse economy. For their efforts the Southeast Michigan Community College Consortium Centers of Expertise was awarded the 2008 "Education Program of the Year" by Automation Alley for new training programs in advanced manufacturing and alternative energy.

The consortium consists of Henry Ford, Wayne County, Mott, Schoolcraft, Monroe, Oakland, Macomb, St. Clair County and Washtenaw Community Colleges. Washtenaw and four other colleges are currently developing advanced manufacturing programs to move workers into automated and robotic controlled manufacturing. Other colleges are concentrating on bringing new-energy technology to Michigan with programs in solar and wind power and alternative fuels.

"We're listening closely to industry and developing great educational products and services to meet the skills and competencies demanded of a highly competitive twenty-first century workforce," says Al Lecz, regional director of the consortium.

WCC Receives Generous Canon Equipment Grant

When Canon Corporation asked its representatives to identify colleges across the U.S. with photography programs that stand out above the rest, they chose WCC as one of only 12 programs in the country to receive Canon equipment that few have available to them.

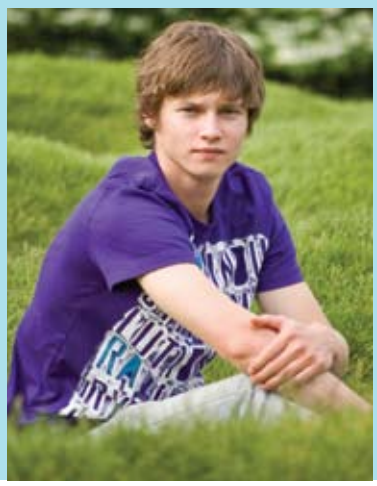
"We were looking for a fairly select group, schools that have a broad-based curriculum addressing all facets of visual communication, from conventional to digital and multimedia," says Canon Professional Markets Advisor Bob Malish. "They have to be big enough and deserving enough, and Washtenaw is that kind of school."

"It is a generous gift," acknowledges WCC Visual Arts Department Chair Jennifer Baker, herself a professional photographer. "The equipment far exceeds what we have had available for instruction.

A Future in Photography

Jakob Skogheim

The portraits of WCC faculty members inside this issue of CareerFocus were photographed by WCC student Jakob Skogheim.



Skogheim discovered photography while working for his high school yearbook in Salinas, Calif. He continued to hone his skills in a photo lab and as a photography assistant. "Years after I discovered photography, it continues to excite me and expand my creativity," he says.

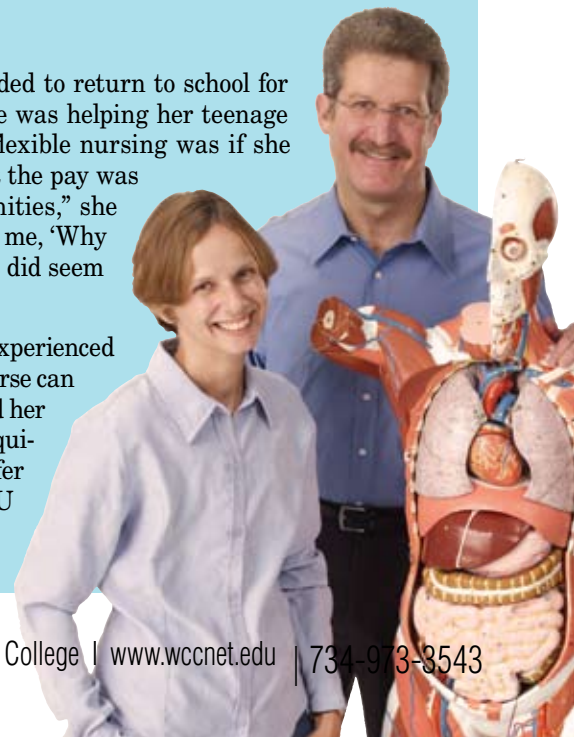
Skogheim began attending WCC classes after his family moved to Chelsea, Mich. in 2006. He currently works in WCC's photo lab and shoots motorcycle and portrait photography as a freelancer. He plans to pursue a career as a commercial photographer after graduation.

A New Career in Nursing

Lynette Zidzik

Our cover student Lynette Zidzik's decided to return to school for a bachelor's degree in nursing when she was helping her teenage daughter explore careers. "I saw how flexible nursing was if she wanted to raise a family, and I saw that the pay was good and there were so many opportunities," she says. "I talked it up so much, she said to me, 'Why don't you do it?' I thought about it and it did seem like the right fit."

As a breast cancer survivor, Zidzik also experienced the positive difference a compassionate nurse can make during treatment and that inspired her too. Currently she's completing her prerequisite courses at WCC and plans to transfer into an accelerated BSN program at MSU or U-M. CF



It's Not Bragging if It's True

WCC has a lot to be proud of

At WCC, we're really not just bragging when we say we have something for everyone. We've got summer camps for teens and college classes for dual-enrolled high school students. We've got GED classes and testing, ESL courses and college readiness classes in math and English for students who need to brush up before they begin a college degree.

We've got short-term certificate programs for students who want to train quickly for a career, two-year associate degree programs for student who want to fill out their skills and transfer programs for students who want to go the distance for a bachelor's degree (or master's, or beyond). And we've got convenient FlexEd classes on the weekend, online and in the classroom for busy people. Oh, and a full range of non-credit classes.

Maybe we are bragging a little when we say that we're blessed with a gorgeous campus, excellent facilities and a diverse student community. We've got students of every age and ethnic heritage, first generation college students and students with graduate degrees. The wooded main campus on Huron River Dr. is home to state-of-the-art facilities in visual arts, automotive, HVACR and industrial technology among others. Our computer labs, health and fitness facility and three extension centers aren't bad either.

As the community's college, Washtenaw's mission is to provide an open door teaching and learning environment. Find out how WCC can help you get started or start over by visiting us at *wccnet.edu*. **CF**

Washtenaw Community College | SCHOOL OF ADVANCED MANUFACTURING SYSTEMS

Whether your interest is in robotics, manufacturing or automation, the programs in the School of Advanced Manufacturing Systems will fit your needs. Maintain and troubleshoot the machines that make commercial goods by specializing in one or more aspects of the machining industry. Develop entry level or advanced skills in electronics, automation, industrial computing, fluid power, numerical controls or welding. Advanced specialization is also available in some of these areas.

National Median Salaries

Numerical Tool and Process Control Programmer – $44,810*

Automation

Are you looking for a career as a hydraulic technician, in robotics or an introduction to manufacturing engineering? Consider the field of Automation.

Automation Technology Certificate

Fluid Power Certificate

Automation Technology Associate in Applied Science

Electronics

Specialize in industrial electricity/electronics or computerized systems and programmable logic controllers. The field of Electronics is open to you.

Computer Systems Technology Certificate

Industrial Electronics Technology Certificate

Industrial Electronics Technology II Advanced Certificate

Machine Tool

Learn about machining operations through the production of parts using WCC's extensive machine tool laboratory.

Machine Tool Technology Certificate

Manufacturing

Develop skills needed to be a numerical control operator or utilize your imagination in the field of manufacturing. Innovation and lean manufacturing are important skills in the field of manufacturing.

Advanced Manufacturing Certificate

Numerical Control Programming Certificate

Other Options

Welding – see School of Construction Technology

Washtenaw Community College | SCHOOL OF APPRENTICESHIP STUDIES

Find a trade-related associate's degree program that builds on your unique set of skills while giving you the knowledge and skills needed to move into organizational leadership.

Apprenticeship Studies

Individualized programs that utilize earned certificates, apprenticeships and trade-related credits tailored to the needs of the student. The Occupational Studies degree offers the flexibility to combine certain certificate programs with general education courses and electives to develop an individualized Associate in Applied Science degree.

Apprentice Completion Certificate

Journeyman Industrial Associate in Applied Science

Occupational Studies Associate in Applied Science

United Association of Journeymen and Apprentices of the Plumbing and Pipefitting Industry of the United States and Canada

These programs are restricted to members of the United Association of Journeymen and Apprentices of the Plumbing and Pipefitting Industry of the United States and Canada.

Construction Supervision Certificate

Construction Supervision Associate in Applied Science

Construction Supervision Associate in Science

Industrial Training Associate in Applied Science

Industrial Training Associate in Science

**From U.S. Bureau of Labor Statistics. **From* Salary.com. *Salaries are representative of earnings as of June 2008. Earnings vary based on experience, education and location.*

Washtenaw Community College | SCHOOL OF AUTOMOTIVE AND MOTORCYCLE TECHNOLOGY

If you are looking for the best technical training in the automotive or motorcycle fields, WCC's School of Automotive and Motorcycle Technology is the place for you. Whether your focus is finding employment as a technician, learning about performance or creating a custom look, our intermediate and advanced certificate programs as well as associate's degrees will enhance your personal and professional qualifications. These programs offer the perfect blend of classroom and hands-on education not available in any other educational setting.

National Median Salaries

Automotive Body and Related Repairers – $38,253*

Automotive Service Technicians and Mechanics – $36,480*

Motorcycle Mechanic – $32,210*

Auto Body Repair

These certificates prepare the student for various positions in the auto body repair industry.

Auto Body Repair Certificate

Collision Repair Refinish Technician Advanced Certificate

Collision Repair Technician Advanced Certificate

Automotive Services

The automotive certificates prepare the student for work as an automotive technician, diagnosing and repairing malfunctions in automobile systems.

Automotive Mechanics Certificate

Automotive Technician Advanced Certificate

See the Automotive Technologies Video

wccnet.edu/flashvideos

Custom Cars & Concepts

Develop advanced skills in the customization of the auto body through the completion of these advanced certificates.

Custom Auto Body Technician Advanced Certificate

Custom Fabrication & Chassis Design Advanced Certificate

Motorcycle Service Technician

Prepare for a career as a motorcycle mechanic or build upon skills already developed.

Motorcycle Service Technology I Certificate

Motorcycle Service Technology II Advanced Certificate

Other Options:

Welding – see School of Construction Technology
Occupational Studies – see School of Apprenticeship Studies

Washtenaw Community College | SCHOOL OF BUSINESS AND ENTREPRENEURIAL STUDIES

Learn the fundamentals you will need to become a business leader or entrepreneur. These programs help you develop entry-level skills in various aspects of business. Whether your goal is to make your place in an existing industry or branch out on your own, these programs can provide the foundation for success.

National Median Salaries

Sales Representative – $57,480*

Employment, Recruitment and Placement Specialist – $52,710*

Food Service Manager – $48,660*

First Line Supervisor/ Manager of Construction Trades and Extraction Workers – $59.360*

First Line Supervisor/Manager of Mechanics, Installers, Repairers – $57,400*

Executive Secretary or Administrative Assistant – $40,700*

Medical Secretary – $30,050*

Entrepreneurship

Learn how to recognize market opportunities and plan a small business through completion of this certificate program.

Entrepreneurship Certificate

Business

Choose one or more areas in the field of business as you prepare for your future.

Business Sales and Marketing Certificate

E-Business Fundamentals Certificate

Human Resource Management Certificate

Management Supervision Advanced Certificate

Management Supervision Associate in Applied Science

Accounting

Accounting and tax services, CPA firms and small businesses need employees with accounting skills. These programs can provide the skills needed for entry-level positions.

Accounting Certificate

Accounting Associate in Applied Science

Business Office Systems

Whether you are just starting out in an office or advancing to a high-level administrative or executive assistant position, these programs can help you achieve your goals.

Administrative Assistant I Certificate

Computer Software Applications Certificate

Medical Office Assistant Certificate

Administrative Assistant II Advanced Certificate

Administrative Assistant Technology Associate in Applied Science

Other Options

Business Associate in Art – see Transfer and University Parallel Programs
Occupational Studies – see School of Apprenticeship Studies

Washtenaw Community College | SCHOOL FOR CHILD CARE PROFESSIONALS

If you yearn to be involved in nurturing the next generation of young people, the School of Child Care Professionals is the place to begin. Gain the knowledge and skills required for state licensing and national childcare credentials while enjoying the personal experience of working directly with children.

National Median Salaries

Preschool Teacher – $25,800*

Child Care Professionals

Whether you are looking to care for children in a home-based center or a professional or school-based setting, these programs can prepare you for an entry-level position as a childcare professional.

Child Development Certificate

Child Care and Education Advanced Certificate

Child Care Professional Associate in Applied Science

**From U.S. Bureau of Labor Statistics. **From Salary.com. Salaries are representative of earnings as of June 2008. Earnings vary based on experience, education and location.*

Washtenaw Community College | SCHOOL OF CONSTRUCTION TECHNOLOGY

Become part of the growing global community of skilled trades professionals or skilled trades managers. Design, plan, construct and complete structures for your home or for your career. You can earn a certificate or degree in Residential Construction, Construction Management or Heating, Ventilation and Air Conditioning. These programs offer the perfect blend of classroom education and hands-on training. At the Henry S. Landau Design and Construction Training Center, you will be taught construction skills from the ground up. You can learn classic skills such as woodworking or modern techniques needed to maintain or improve your own structure. On the main campus, the HVAC program offers a wide range of training to equip high-end technicians with the knowledge and skills needed for successful entry into the field.

National Median Salaries

Construction Manager – $85,830*

Carpenter – 41,260*

Surveying and Mapping Technician – $35,900*

Architectural and Civil Drafter – $45,280*

Electrical and Electronic Drafter – $51,710*

Mechanical Drafter I – $46,690*

Drafter, other – $47,340*

Heating, Air Conditioning and Refrigeration Mechanic –$40,630*

Welder, Cutter, Solderer or Brazer – $33,960*

Construction Management

Prepare for work in the construction management or property maintenance industries through the completion of these programs.

Commercial Property Maintenance Technology Advanced Certificate

Construction Management Associate in Art

Drafting and Surveying

These programs focus on the designing and planning careers needed throughout the construction industry.

Computer-Aided Drafting Certificate

Residential Planning and Estimating Certificate

Surveying Assistant Certificate

Computer-Aided Drafting Advanced Certificate

Residential Design Advanced Certificate

Architectural Technology Associate in Applied Science

Computer-Aided Drafting and Design Associate in Applied Science

Interior Design Associate in Applied Science

HVACR

Whether you are working on residential or commercial equipment these programs prepare you for a career in the heating, ventilation, air conditioning and refrigeration industry.

Heating, Ventilation, Air Conditioning and Refrigeration Residential Certificate

Heating, Ventilation, Air Conditioning and Refrigeration Commercial Advanced Certificate

Heating, Ventilation, Air Conditioning and Refrigeration Industrial Advanced Certificate

Heating, Ventilation, Air Conditioning and Refrigeration Associate in Applied Science

Residential Construction

If you want to learn basic construction, prepare to take the Michigan Builder's License exam or are considering starting a construction business, this is the place to start.

Residential Construction I Certificate

Cabinetmaking/Millwork Systems Technology Advanced Certificate

Residential Construction II Advanced Certificate

Residential Construction Associate in Science

See the Residential Construction Video
wccnet.edu/flashvideos

Welding and Fabrication

Learn skills from beginning welding to advanced fabrication for a career as a welding maintenance mechanic.

Welding Certificate

Welding Mechanics Advanced Certificate

Welding Associate in Applied Science

See the Welding Video
wccnet.edu/flashvideos

Other Options

Management Supervision Advanced Certificate – see School of Business and Entrepreneurial Studies

Management Supervision Associate in Applied Science – see School of Business and Entrepreneurial Studies

Washtenaw Community College | SCHOOL OF CRIMINAL JUSTICE AND LAW ENFORCEMENT

Students develop the skills and knowledge necessary for work in law enforcement and criminal justice. Completion of the Police Academy Certificate prepares the student to take the exam necessary for a career as a police officer.

National Median Salaries

Police and Sheriff Patrol Officer – $50,670*

Correctional Officer – $39,970*

Criminal Justice and Law Enforcement

The programs prepare the student for careers as a police officer or in criminal justice.

Police Academy Certificate

Criminal Justice/Law Enforcement Associate in Applied Science

Other Options

Criminal Justice Associate in Art – see Transfer and University Parallel Programs

Washtenaw Community College | SCHOOL OF CULINARY ARTS AND HOSPITALITY MANAGEMENT

Find your passion in food, friends and elegant surroundings. Develop skills for an entry-level position in restaurant, hospitality or institutional settings. Whether your interests lie in pastry and wedding cakes, food preparation and marketing or management of food service, these are the programs for you.

National Median Salaries

Food Service Manager – $48,660*

Chef or Head Cook – $40,700*

Culinary Arts and Hospitality Management

Develop the skills necessary for a career in the hospitality industry.

Baking and Pastry Certificate

Culinary Arts Certificate

Hospitality Management Certificate

Culinary and Hospitality Management Associate in Applied Science

See the Culinary Arts and Hospitality Management Video
wccnet.edu/flashvideos

Other Options

Management Supervision Advanced Certificate – see School of Business and Entrepreneurial Studies

Management Supervision Associate in Applied Science – see School of Business and Entrepreneurial Studies

Occupational Studies – see School of Apprenticeship Studies

**From U.S. Bureau of Labor Statistics. **From* Salary.com. *Salaries are representative of earnings as of June 2008. Earnings vary based on experience, education and location.*

Washtenaw Community College | SCHOOL OF INFORMATION TECHNOLOGY

The School of Applied Information Technology gathers the diverse areas that make up the computer technology of today. From basic programming languages to systems development through networking, these programs provide the core of information technology. Develop skills in computer forensics or learn how to run a successful e-business. The growing field of applied information technology is waiting for you.

National Median Salaries

Web Software Developer – The middle 50 percent earn between $57,573 and $80,000**

Web Designer – The middle 50 percent earn between $53,337 and $70,662**

Network Planning Analyst I – The middle 50 percent earn between $43,632 and $58,008**

Network Security Systems Manager – The middle 50 percent earn between $61,511 and $101,321**

Computer Programer – $72,010**

Java Developer – The middle 50 percent earn between 63,844 and $84,717*

Computer Systems Analyst – $75,890*

Network and Computer Systems Administrators – $67,850*

Computer and Information Scientist, Research – $100,640*

Internet Professional

Join the web development industry through the completion of these certificates and degree.

Web Technology Certificate

E-Business Advanced Certificate

Web Application Developer Advanced Certificate

Web Graphic Design Advanced Certificate

Internet Professional Associate in Applied Science

Networking

Develop and manage computer networks as a network administrator/engineer.

Computer Networking Academy I Advanced Certificate

Computer Networking Operating Systems I Advanced Certificate

Computer Networking Associate in Applied Science

Computer Networking Academy II Post Associate Certificate

Programming

Learn the foundation of computer programming or specialize in a programming language through these programs.

Foundations of Computer Programming Certificate

.Net Programming

Java Developer Advanced Certificate

Object-Oriented Programming with C++ Advanced Certificate

Computer Programming Associate in Applied Science

Computer Security and Forensics

Become part of the growing field of computer system security and forensics.

Information Assurance Certificate

Computer Forensics Advanced Certificate

Network Security Advanced Certificate

Computer Forensics Associate in Applied Science

Computer Systems Security Associate in Applied Science

See the Computer Security Video
wccnet.edu/flashvideos

Systems Development and Administration

Develop and manage computer systems and using universal operating systems.

Linux/Unix Systems I Certificate

Linux/Unix Systems II Advanced Certificate

Web Database Developer Advanced Certificate

Microcomputer System Support Associate in Applied Science

Other Options

Computer Systems Technology Certificate – see School of Advanced Manufacturing Systems

Washtenaw Community College | SCHOOL OF MUSIC AND PERFORMING ARTS

Students learn basic creative and performance skills in music, drama and dance and how they are applied in a professional setting. Whether you are exploring your own talents, coordinating the talents of others, or practicing the techniques you will need to make a living at your craft, the School of Music and Performing Arts provides the fundamentals you need.

National Median Salaries

Musician or Singer – $27.27/hr*

Sound Engineering Technician – $54,220*

Music and Performing Arts

Develop the skills for a career in music performance, engineering or production through these certificate programs.

Music Performance Certificate

Music Production/Engineering Certificate

See the Music Video
wccnet.edu/flashvideos

Washtenaw Community College | SCHOOL OF NURSING AND HEALTH SCIENCES

Find your place in the growing field of health care. Whether your interest lies in the traditional field of nursing or the new program in physical therapist assistant, the School of Nursing and Health Sciences provides a variety programs designed to prepare students for entry-level positions in dental assisting, pharmacy technology, radiography, physical therapist assistant, nursing assistant or professional nursing.

National Median Salaries

Dental Assistant – $32,280*

Nursing Aide, Orderly or Attendant – $23,920*

Registered Nurse – $62,480*

Pharmacy Aide – $21,120*

Physical Therapist Assistant – $44,340*

Radiologic Technologist and Technician – $51,150*

Dental Assisting

Prepare for a career as a certified dental assistant through the completion of this program.

Dental Assisting Certificate

Health Care Foundations

Uncertain of your specific career path in the field of health care? This certificate program can provide the essential basic skills to prepare for a specialized program.

Health Care Foundations Certificate

Nursing

Prepare for a career in a variety of health care settings through this certificate and associate in applied science degree program.

Nursing Assistant Skills Training Certificate of Completion

Nursing Transfer Associate in Applied Science

Registered Nursing Associate in Applied Science

Pharmacy Technology

Work with a professional pharmacist to meet the medication and customer service needs of individuals in a variety of settings.

Pharmacy Technology Certificate

Physical Therapist Assistant

Work with a physical therapist to provide selected services to patients with a wide variety of conditions.

Physical Therapist Assistant Associate in Applied Science

Radiography

Prepare for a career as a radiographer, operating various medical imaging equipment.

Radiography Associate in Applied Science

Other Options

Management Supervision Advanced Certificate – see School of Business and Entrepreneurial Studies
Occupational Studies – see School of Apprenticeship Studies

**From U.S. Bureau of Labor Statistics. **From Salary.com. Salaries are representative of earnings as of June 2008. Earnings vary based on experience, education and location.*

Washtenaw Community College | SCHOOL OF VISUAL ARTS

The eyes say it all in the School of Visual Arts. From the classics of photography and graphic design to the developing fields of digital video and 3-D animation, students can learn a variety of skills leading to multiple career options.

3-D Animation

Learn the basics of three dimensional animation used in videos, games and on the web. This degree will prepare you for an entry-level position in digital modeling and animation.

3-D Animation Associate in Applied Science

Digital Video

Complete these programs to learn how to create digitized video productions for the Web and other presentation forms.

Digital Video Film Production Certificate

Digital Video Production Associate in Art

Graphic Design

From the foundations of visual communication through production techniques, this field allows you to utilize your creative and artistic abilities.

Graphic Design Certificate

Graphic Design Associate in Applied Science

Photography

Develop skills in composition, processing and presentation needed for a satisfying career in professional photography or as a means of personal expression.

Photographic Imaging Certificate

Photographic Technology Associate in Applied Science

See the Photography Video
wccnet.edu/flashvideos

National Median Salaries

Cartoonist/Animator – the middle 50 percent earn between $43,207 and $58,782**

Television, Video or Motion Picture Camera Operator – $46,570*

Film and Video Editor – $61,180*

Graphic Designer – $45,340*

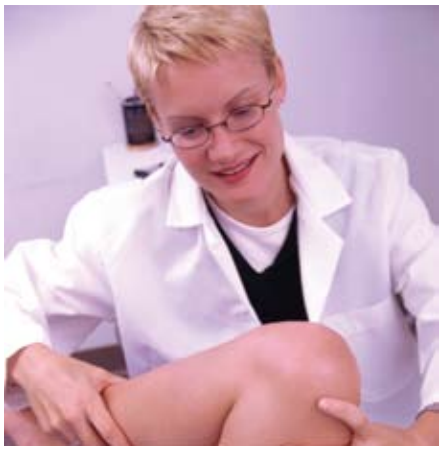
Art Director – $83,230*

Multimedia Artist and Animator – $61,010*

Photographer – $34,010*

Other Options

Interior Design Associate in Applied Science – see School of Construction Technology



Washtenaw Community College | TRANSFER AND UNIVERSITY PARALLEL PROGRAMS

If your goal is to continue your education toward a baccalaureate degree, then the Transfer and University Parallel programs is the track for you. Complete the first two years of study in a supportive environment with small classes and personal attention.

Business

Designed for students who intend to transfer into a four-year school program in business.

Business Associate in Art

Communication

Prepare to transfer to a four-year school or begin a career in radio and/or other forms of broadcast arts.

Broadcast Arts Associate in Art

Education

These programs offer the first two years of instruction required to become a certified teacher in the state of Michigan.

Elementary Education Associate in Art

Secondary Education Associate in Art

National Median Salaries

Accountant or Auditor – $63,180

Advertising and Promotions Manager – $73,060*

Marketing Manager – $98,720*

Kindergarten, Elementary, Middle, and Secondary School Teacher – from $43,580 to $48,690*

Engineer – from $66,030 to $77,920*

Physician or Surgeon – from $132,953 to $259,948*

Technical Writer – $58,050*

Reporters and Correspondents – $33,470 *

Social Worker – $37,480

Law and Law Enforcement

Considering a career in police work, probation or juvenile criminal justice? This program prepares you for further study in these specialized fields.

Criminal Justice Associate in Art

Liberal Arts Transfer

This program of study can be individualized to meet your needs or the requirements of the transfer college or university.

Liberal Arts Transfer Associate in Art

Exercise Science

This program prepares the student for further study in areas of exercise science.

Exercise Science Associate in Science

Math and Computer Science

This program prepares the student for further study in areas of math and computer science.

Math and Science – Math or Computer Science Concentration Associate in Science

Pre-Engineering/Physics

Students utilize this program in preparation for a degree in engineering or physics.

Math and Science – Pre-Engineering Concentration Associate in Science

Pre-Medicine

If your goal is in the field of medicine or medical research, these programs will prepare you to transfer into a baccalaureate degree program.

Math and Science – Biology/Pre-Medicine Concentration Associate in Science

Math and Science – Chemistry/Pre-Medicine Concentration Associate in Science

Professional Writing

Whether your goal is in journalism or technical writing, these programs provide a foundation for beginning writing or to undertake advanced studies at a four-year institution.

Technical Writing Certificate

Journalism Associate in Art

Technical Writing Associate in Art

Technical Writing Associate in Science

Continued

**From U.S. Bureau of Labor Statistics. **From* Salary.com. *Salaries are representative of earnings as of June 2008. Earnings vary based on experience, education and location.*

Washtenaw Community College | TRANSFER AND UNIVERSITY PARALLEL PROGRAMS

Continued

Social Work

This program prepares you to transfer to a bachelor's degree program in social work.

Human Services Associate in Art

What is the National Median Salary?

CareerFocus uses salary information from the U.S. Bureau of Labor Statistics and *Salary.com* unless noted otherwise. These figures represent the national midpoint earnings for each job description. This means that half the U.S. employees surveyed in a particular occupation earn less than this figure and half earn more.

Individual salaries vary based on the region, the size of the employer and the employee's education, experience and skill level. You can research your potential salary at *Salary.com*, *The Occupational Outlook Handbook* at the U.S. Bureau of Labor Statistics Web site *(www.bls.gov)* or by checking with professional organizations and local employers.

**From U.S. Bureau of Labor Statistics. **From* Salary.com. *Salaries are representative of earnings as of June 2008. Earnings vary based on experience, education and location.*

Washtenaw Community College ADA/EEO/Title IX/Section 504 Compliance Statements

Washtenaw Community College does not discriminate on the basis of race, sex, color, religion, national origin, age, disability, height, weight, marital status or veteran status in provision of its educational programs and services or in employment opportunities and benefits. WCC is committed to compliance in all of its activities and services with the requirements of Title IX of the Educational Amendments of 1972, Public Act 453, Section 504 of the Rehabilitation Act of 1973, Title VII of the Civil Rights Act of 1964 as amended, Public Act 220, and the Americans with Disabilities Act of 1990.

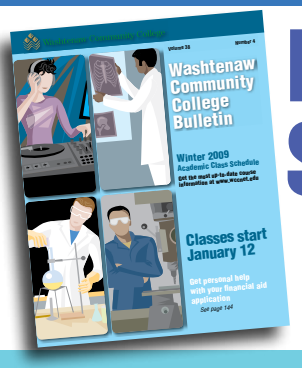
Inquiries concerning programs and services under Title IX and Section 504, and the Americans with Disabilities Act should be directed to the Office of the Associate Vice President of Student Services, Room SC 275A, Student Center Building, 734-973-3536. Inquiries regarding compliance in employment should be directed to the College Affirmative Action Officer in the Office of Human Resource Management, Room 120, Business Education Building, 734-973-3497. Inquiries concerning access to facilities should be directed to the Director of Plant Operations, Plant Operations Building, 734-677-5300.

Title II Student Right to Know and Campus Security Act Compliance Statement

The Student Right to Know and Campus Security Act of 1990 is a federal law that mandates the disclosure by all institutions of higher education of the rates of graduation, the number of incidents of certain criminal offenses, and the default rate for student loans. The law also mandates that information be provided on the type of security provided on campus, the pertinent policies regarding security on campus, and policies that record and deal with alcohol and drug abuse. Washtenaw Community College is in full compliance with these provisions and provides the required information annually through college publications. Inquiries concerning the Student Right to Know and Campus Security Act should be directed to Washtenaw Community College, Office of the Associate Vice President of Student Services, Room SC 275A, Student Center Building, Ann Arbor, MI 48106 (telephone 734-973-3536).

WCC is a smoke-free campus.

WCC WINTER 2009



Registration Starts Nov. 19

for new students.
Classes start January 12

Don't Get Dropped!

Pay by December 11 to keep your seat

Pay the day of registration after December 11

WCC is now offering more

WEEKEND CLASSES

to fit your schedule

Find Saturday (Sa) and Sunday (Su) classes online at www.wccnet.edu

Washtenaw Community College

You Can Make a Difference

Washtenaw Literacy needs volunteers to help adults improve reading and writing.

- One in eight adults in Washtenaw County has low literacy skills, creating barriers to success.
- 65 people are currently on our waiting list for tutors

Your tutoring efforts can help learners gain the skills they need to:

- find employment
- help their children with school
- attain citizenship
- understand health directions from their doctors.

Attend an upcoming one-hour orientation to find out more about volunteering.

- Thursday, November 13, 7 p.m. at Nicola's Books in Westgate Shopping Center, 2513 Jackson Rd., Ann Arbor
- Tuesday, December 2, 7 p.m. at the Ypsilanti District Library, 5577 Whittaker Rd., Ypsilanti
- Thursday, December 11, 7 p.m. at Clonlara, 1289 Jewett, Ann Arbor

For more dates and information visit www.washtenawliteracy.org.

Washtenaw Literacy

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buy your textbooks early at
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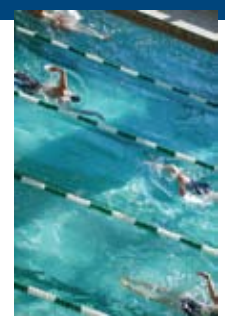
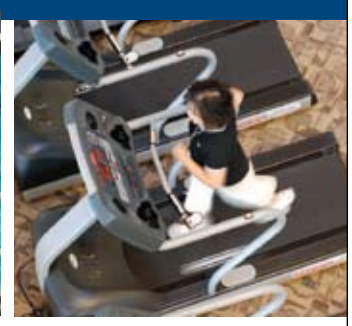
WCC Bookstore

LIVE LIFE TO THE FITTEST





The Health & Fitness Center at Washtenaw Community College

You'll find a 75,000 sq. ft. facility with open spaces and spectacular views.

It's beautiful. It's friendly. It's a great place to get healthy and fit.

- Health and fitness classes; including yoga, Pilates and spinning
- Personalized training and nutritional counseling
- A walking/jogging track
- Free weights, resistance and cardiovascular training equipment
- A large lap pool and a warm therapeutic pool with wheelchair access
- Spacious locker rooms with whirlpools, steam, sauna and massage
- Childcare (for a small fee)
- Tortoise & Hare Running and Fitness store
- Free parking ...and much more!

For more information, or to join, call (734) 975-9950 or visit www.wccfitness.org

The Health & Fitness Center
AT WASHTENAW COMMUNITY COLLEGE

Focus on Textbooks (but spend less $!)

Shop at Campus Book and Supply

Textbooks for all classes at Washtenaw Community College and Eastern Michigan University

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- **Reference books, Study aids**
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- **College clothing, gifts, cards**

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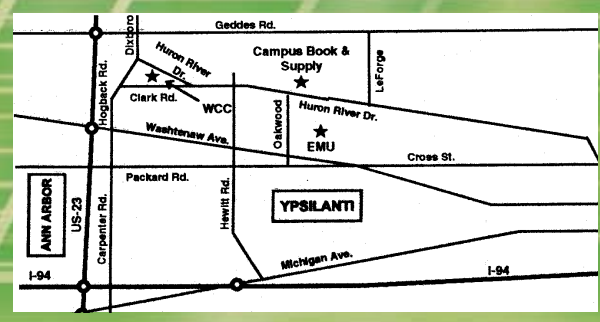
Eastern Plaza, next to McDonald's (only minutes from WCC)



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- Classes are offered in a blended online format, meaning students meet twice per course at WCC with the remaining coursework completed online.

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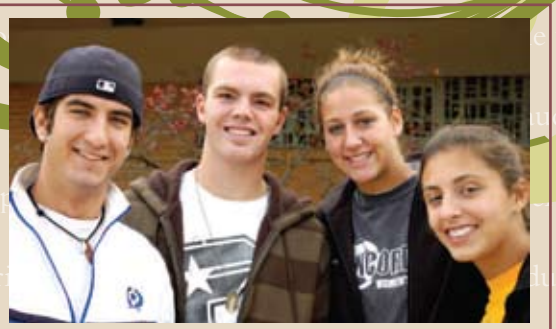

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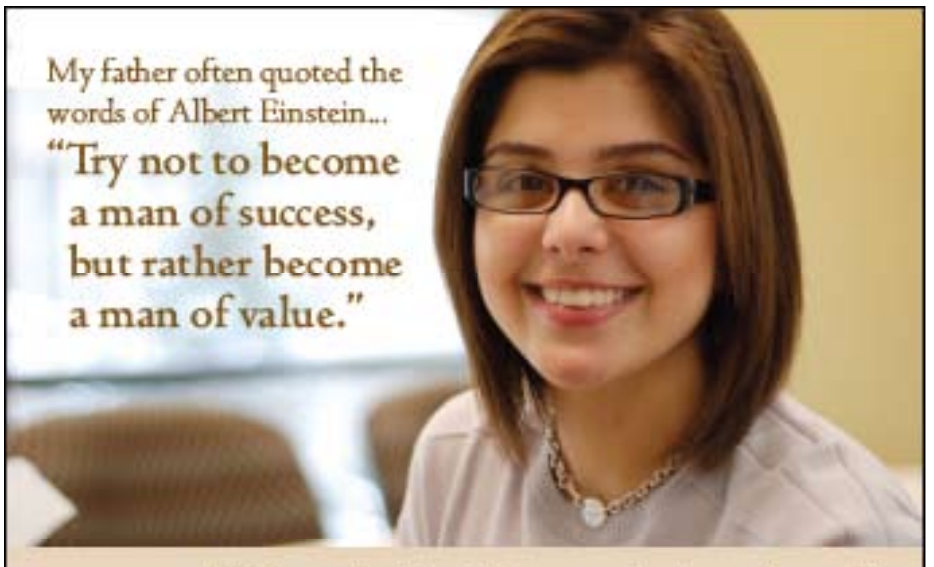
Find out how at www.wuway.org

United Way
United Way of Washtenaw County

GIVE. ADVOCATE. VOLUNTEER.

LIVE UNITED



I believe education is the means to change the world we live in into a better place where all are equal and at peace. My WCC Foundation scholarship offers me this educational opportunity to make a difference and become that woman of value that I have always dreamt of being..."

ANA HITA MALEKI
WCC PHI THETA KAPPA CHAPTER PRESIDENT AND FUTURE INTERNATIONAL LAW STUDENT

Don't let financial worries get in the way of your education.
The WCC Foundation has scholarship money available to help you pursue your goal. No qualified candidate will be turned down. For more information, please call the Foundation at 734-973-3615 or visit online at www.wccnet.edu/foundation.

WCC Foundation

WCC has a proposal for you

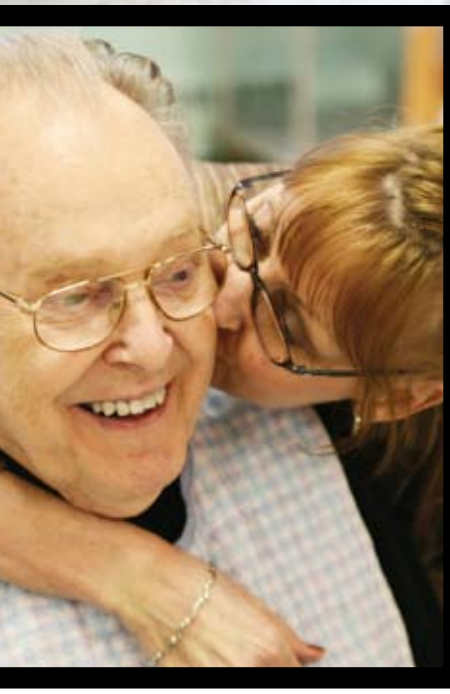
On November 4, Washtenaw Community College will ask county residents to continue the authorization of 1.0 mills for 10 more years. This renewal represents 16 percent of WCC's annual budget – funding that is critical to preserving College programs and services.

This is a renewal of a previously approved millage, not a new tax

DON'T FORGET TO VOTE, and...

LOOK FOR PROPOSAL H AT THE END OF THE NOVEMBER 4 BALLOT

Washtenaw Community College



YOUR TIME MATTERS

So WCC offers flexible learning options

WEEKEND STUDY

WCC has classes that only meet on Saturday and/or Sunday; yes weekends only. You can take classes without putting a strain on your Monday to Friday schedule.

BLENDED CLASSES

This option is the perfect balance of online and classroom learning by combining some classroom attendance with online video lectures assignments and activities. In most cases you will only meet on campus once a week.

COLLEGE ON DEMAND (COD) ONLINE CLASSES

More than reading text on a computer screen, College on Demand takes online classes even further to provide you with a complete interactive online-learning experience. Never come to campus but watch video lectures, submit assignments, participate in class discussions and still have access to the same outstanding faculty you'd have on-campus.

To learn more about the flexible learning options available to you at WCC, call 734-477-8903 or visit www.wccnet.edu/academicinfo/collegeondemand/

WCCFlexEd
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